SG270-1

Ohio Labor Market Information

# Labor Market Review

August 1991

**Summary.** Ohio's seasonally adjusted unemployment rate declined from 6.9 percent in July 1991 to 6.8 percent in August 1991. The U.S. rate was also 6.8 percent in August, unchanged from the previous month. Total employment in Ohio was down 111,000 from July to 5,008,000 in August. There were 365,000 unemployed Ohioans in August, 13,000 fewer than in July. Total nonagricultural wage and salary employment (seasonally adjusted), at 4,933,000 in August, increased 8,000 from July. (See page 3.)

**Goods-Producing Industries.** Employment in goods-producing industries rose 2,000 from July to 1,297,000 in August. The increase occurred in manufacturing, which totaled 1,081,000 in August. A decline of 3,000 in transportation equipment was more than offset by gains of 2,000 in rubber and miscellaneous plastics products and 1,000 in both primary metal industries and food and kindred products. Employment in mining and construction was little changed over the month.

**Service-Producing Industries.** There were 3,636,000 people employed in service-producing industries in August, up 6,000 from July. Most of the increase was in services, especially health services. Wholesale trade and retail trade added 1,000 jobs each. Employment in transportation and public utilities and finance, insurance, and real estate was virtually unchanged from July. Government employment declined 1,000 over the month.

**Over the Year.** Ohio's unemployment rate increased from 5.3 percent in August 1990 to 6.8 percent in August 1991. The national rate rose from 5.6 percent to 6.8 percent during the same period. Total employment in Ohio was down 151,000 from August 1990, while total unemployment was 77,000 higher. Nonfarm payroll employment advanced 22,000 over the year. Employment in services was up 42,000 due largely to increases in health and business services. Most other service-producing industries showed gains from August 1990. Manufacturing employment was down 34,000 over the year. Employment in most component industries was substantially below the year-ago level. The largest declines were in industrial machinery and equipment (-9,000), fabricated metal products (-8,000), transportation equipment (-7,000), and rubber and miscellaneous plastics products (-5,000). Construction employment rose 3,000, while mining employment declined 1,000 over the year.

**Factory Hours and Earnings.** Production workers in manufacturing industries in Ohio earned an average of $554.98 per week in August, up fractionally from July. Their average workweek of 42.3 hours was 0.1 hours longer. Industries with notably higher earnings included nonferrous rolling and drawing and refrigeration and service machinery. Among those industries with significant declines in earnings were motor vehicles and equipment and miscellaneous plastics products.

**Benefits and Costs.** There were 66,694 initial claims filed under the Ohio Unemployment Compensation Law in August, down 8.3 percent from July, but up 24.0 percent from August

**Ohio Bureau of Employment Services**
George V. Voinovich, Governor James Conrad, Administrator

1990. Total benefits paid rose 0.6 percent to $72.8 million. The average weekly benefit check of $174.79 was $1.99 higher than in July. The average weekly number of benefit recipients, at 94,414, decreased 1.5 percent. At the end of August, there were 208,973 active employer accounts.

**Employment Service.** The Ohio Bureau of Employment Services assisted 37,412 new job applicants in August, down 5.9 percent from July, but up 5.4 percent from August 1990. The Employment Services Division made 23,409 job referrals in August, down 19.8 percent over the month. There were 5,537 total placements made, down 25.5 percent.

## Occupational Wage and Employment Survey Underway

Many Ohio employers in the nonmanufacturing sector are being asked to participate in the Occupational Employment Statistics (OES) survey. The OES survey provides baseline information on the occupational composition of jobs and wages by occupations in Ohio. These data have many uses, including being a major input in developing projections of future employment patterns and training needs. OES data are also helpful in market research targeted toward specific groups of workers and in developing company staffing strategies.

Occupational Employment Statistics are obtained by a mail survey of a sample of employers in nonagricultural industries. Information provided by individual employers is confidential and will not be identifiable in OES publications. For further information on the OES survey, contact Rick Greene at (614) 644-2689, or write:

Ohio Bureau of Employment Services
Labor Market Information Division
P.O. Box 1618
Columbus, Ohio 43216

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## Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

| | Employment (in thousands) | | | Change[b] (in thousands) | | Percent Change[c] | |
|---|---|---|---|---|---|---|---|
| | Aug. 1991 | Jul. 1991 | Aug. 1990 | From Last Month | From Last Year | From Last Month | From Last Year |
| **Household Survey Data[d]** | | | | | | | |
| Civilian Labor Force | 5,373 | 5,497 | 5,447 | -124 | -74 | -2.3 | -1.4 |
| Employment | 5,008 | 5,119 | 5,159 | -111 | -151 | -2.2 | -2.9 |
| Unemployment | 365 | 378 | 288 | -13 | 77 | -3.4 | 26.7 |
| Unemployment Rate | 6.8 | 6.9 | 5.3 | | | | |
| **Employer Survey Data[e]** | | | | | | | |
| **Total** | 4,933 | 4,924 | 4,910 | 8 | 22 | .2 | .5 |
| **Goods-Producing Industries** | 1,297 | 1,295 | 1,329 | 2 | -32 | .2 | -2.4 |
| Mining | 17 | 17 | 18 | 0 | -1 | -1.5 | -5.2 |
| Coal Mining | 7 | 7 | 7 | 0 | 0 | -.3 | -4.9 |
| Oil and Gas Extraction | 6 | 6 | 6 | 0 | 0 | -2.3 | -3.8 |
| Construction | 200 | 200 | 197 | 0 | 3 | .0 | 1.4 |
| General Building Contractors | 48 | 48 | 47 | 0 | 1 | .1 | 1.3 |
| Heavy Construction, Except Building | 25 | 24 | 24 | 0 | 1 | .5 | 3.4 |
| Special Trade Contractors | 127 | 128 | 126 | 0 | 1 | -.2 | 1.1 |
| Manufacturing | 1,081 | 1,078 | 1,115 | 2 | -34 | .2 | -3.1 |
| Durable Goods | 714 | 715 | 746 | -1 | -32 | -.1 | -4.3 |
| Lumber and Wood Products | 21 | 21 | 21 | 0 | 0 | .9 | -.6 |
| Furniture and Fixtures | 15 | 15 | 15 | 0 | 0 | .7 | 1.0 |
| Stone, Clay, and Glass Products | 44 | 44 | 45 | 0 | -2 | .1 | -3.5 |
| Primary Metal Industries | 97 | 96 | 101 | 1 | -3 | 1.2 | -3.4 |
| Fabricated Metal Products | 124 | 124 | 132 | 0 | -8 | .0 | -5.8 |
| Industrial Machinery and Equipment | 156 | 156 | 165 | 0 | -9 | .1 | -5.6 |
| Electronic and Other Electric Equipment | 77 | 77 | 79 | 0 | -2 | .0 | -3.0 |
| Transportation Equipment | 140 | 142 | 146 | -3 | -7 | -1.8 | -4.5 |
| Instruments and Related Products | 26 | 26 | 26 | 0 | -1 | -.1 | -2.0 |
| Nondurable Goods | 367 | 363 | 369 | 3 | -2 | .9 | -.6 |
| Food and Kindred Products | 64 | 63 | 60 | 1 | 4 | 1.1 | 6.2 |
| Apparel and Other Textile Products | 15 | 14 | 15 | 0 | 0 | 3.4 | -1.0 |
| Paper and Allied Products | 37 | 37 | 38 | 0 | 0 | .2 | -.5 |
| Printing and Publishing | 76 | 76 | 76 | 0 | 0 | .1 | .1 |
| Chemicals and Allied Products | 66 | 66 | 66 | 0 | -1 | -.1 | -.8 |
| Rubber and Misc. Plastics Products | 90 | 88 | 95 | 2 | -5 | 2.0 | -4.8 |
| **Service-Producing Industries** | 3,636 | 3,629 | 3,581 | 6 | 55 | .2 | 1.5 |
| Transportation and Public Utilities | 221 | 221 | 219 | 0 | 2 | .1 | 1.0 |
| Transportation | 130 | 130 | 128 | 0 | 2 | .2 | 1.9 |
| Communications, Electric, Gas Services | 91 | 91 | 91 | 0 | 0 | .0 | -.3 |

See footnotes on page 4.

## Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio[a]

Seasonally Adjusted

| | Employment (in thousands) | | | Change[b] (in thousands) | | Percent Change[c] | |
|---|---|---|---|---|---|---|---|
| | Aug. 1991 | Jul. 1991 | Aug. 1990 | From Last Month | From Last Year | From Last Month | From Last Year |
| Wholesale Trade | 267 | 266 | 264 | 1 | 3 | .3 | 1.3 |
| Wholesale Trade-Durable Goods | 165 | 165 | 165 | 0 | 1 | .3 | .5 |
| Wholesale Trade-Nondurable Goods | 102 | 101 | 99 | 0 | 3 | .3 | 2.5 |
| Retail Trade | 913 | 912 | 913 | 1 | 0 | .1 | .0 |
| Building Materials and Garden Supplies | 34 | 34 | 35 | 0 | -1 | -.2 | -2.4 |
| General Merchandise Stores | 123 | 123 | 127 | 0 | -4 | -.1 | -3.2 |
| Food Stores | 140 | 140 | 141 | 0 | -1 | -.1 | -.5 |
| Automotive Dealers and Service Stations | 98 | 97 | 99 | 0 | -1 | .3 | -1.3 |
| Apparel and Accessory Stores | 51 | 51 | 50 | 0 | 2 | .0 | 3.2 |
| Furniture and Homefurnishings Stores | 32 | 32 | 32 | 0 | 0 | .2 | 1.0 |
| Eating and Drinking Places | 315 | 314 | 313 | 0 | 2 | .1 | .6 |
| Miscellaneous Retail | 121 | 120 | 118 | 1 | 3 | .5 | 2.9 |
| Finance, Insurance, and Real Estate | 257 | 257 | 255 | 0 | 2 | .1 | .6 |
| Finance | 121 | 121 | 121 | 0 | 0 | .1 | .0 |
| Depository Institutions | 89 | 89 | 90 | 0 | -1 | -.1 | -.8 |
| Insurance | 91 | 91 | 91 | 0 | 1 | .0 | .9 |
| Real Estate | 44 | 44 | 44 | 0 | 1 | .2 | 1.6 |
| Services | 1,246 | 1,240 | 1,204 | 6 | 42 | .5 | 3.5 |
| Hotels and Other Lodging Places | 41 | 41 | 40 | 0 | 2 | .5 | 4.0 |
| Personal Services | 56 | 56 | 55 | 0 | 1 | .6 | 2.6 |
| Business Services | 231 | 230 | 221 | 1 | 11 | .4 | 4.9 |
| Amusements, Including Motion Pictures | 62 | 63 | 61 | 0 | 1 | -.5 | 1.8 |
| Health Services | 413 | 411 | 398 | 2 | 14 | .4 | 3.6 |
| Legal Services | 30 | 30 | 29 | 0 | 1 | .1 | 3.0 |
| Educational Services | 66 | 65 | 64 | 1 | 2 | 1.5 | 2.8 |
| Social Services | 85 | 85 | 81 | 0 | 4 | .2 | 5.2 |
| Membership Organizations | 79 | 79 | 79 | 1 | 0 | .7 | .2 |
| Engineering and Management Services | 94 | 94 | 91 | 0 | 3 | .5 | 3.3 |
| Government | 731 | 733 | 726 | -1 | 5 | -.2 | .7 |
| Federal Government | 94 | 94 | 96 | 0 | -2 | -.2 | -2.2 |
| State Government | 167 | 165 | 165 | 2 | 2 | 1.1 | 1.4 |
| State Government Education | 90 | 89 | 87 | 1 | 3 | 1.1 | 3.5 |
| Local Government | 470 | 474 | 465 | -3 | 5 | -.6 | 1.1 |
| Local Government Education | 272 | 274 | 268 | -2 | 4 | -.8 | 1.3 |

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of approximately 12,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work.

# Seasonally Adjusted Estimates[a]

## Ohio Civilian Labor Force Estimates
(In Thousands)

| Civilian Labor Force | | | Unemployment Rates | | |
|---|---|---|---|---|---|
| Total | Employed | Unemployed | Ohio | U.S. | |
| | | | | | 1989 |
| 5,428 | 5,144 | 284 | 5.2 | 5.2 | August |
| 5,435 | 5,140 | 295 | 5.4 | 5.3 | September |
| 5,452 | 5,132 | 320 | 5.9 | 5.3 | October |
| 5,420 | 5,087 | 333 | 6.1 | 5.3 | November |
| 5,426 | 5,102 | 324 | 6.0 | 5.3 | December |
| | | | | | 1990 |
| 5,418 | 5,074 | 344 | 6.3 | 5.3 | January |
| 5,386 | 5,073 | 313 | 5.8 | 5.3 | February |
| 5,408 | 5,107 | 301 | 5.6 | 5.3 | March |
| 5,421 | 5,106 | 315 | 5.8 | 5.4 | April |
| 5,429 | 5,112 | 317 | 5.8 | 5.3 | May |
| 5,421 | 5,129 | 292 | 5.4 | 5.3 | June |
| 5,420 | 5,115 | 305 | 5.6 | 5.5 | July |
| 5,447 | 5,159 | 288 | 5.3 | 5.6 | August |
| 5,447 | 5,156 | 291 | 5.3 | 5.7 | September |
| 5,463 | 5,148 | 315 | 5.8 | 5.7 | October |
| 5,452 | 5,156 | 296 | 5.4 | 5.9 | November |
| 5,488 | 5,179 | 309 | 5.6 | 6.1 | December |
| | | | | | 1991 |
| 5,383 | 5,065 | 318 | 5.9 | 6.2 | January |
| 5,384 | 5,007 | 377 | 7.0 | 6.5 | February |
| 5,470 | 5,073 | 397 | 7.3 | 6.8 | March |
| 5,523 | 5,124 | 399 | 7.2 | 6.6 | April |
| 5,467 | 5,163 | 304 | 5.6 | 6.9 | May |
| 5,447 | 5,100 | 347 | 6.4 | 7.0 | June |
| 5,497 | 5,119 | 378 | 6.9 | 6.8 | July |
| 5,373 | 5,008 | 365 | 6.8 | 6.8 | August |

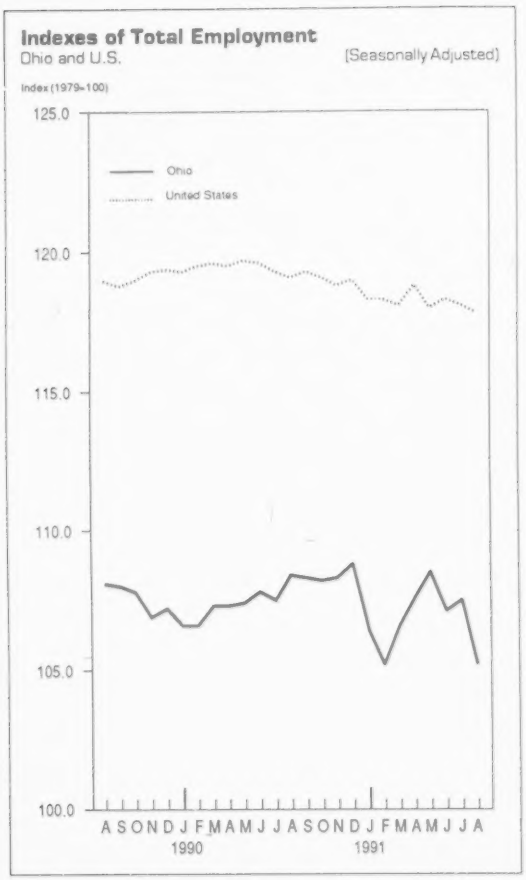
## Ohio Nonagricultural Wage and Salary Employment
(In Thousands)

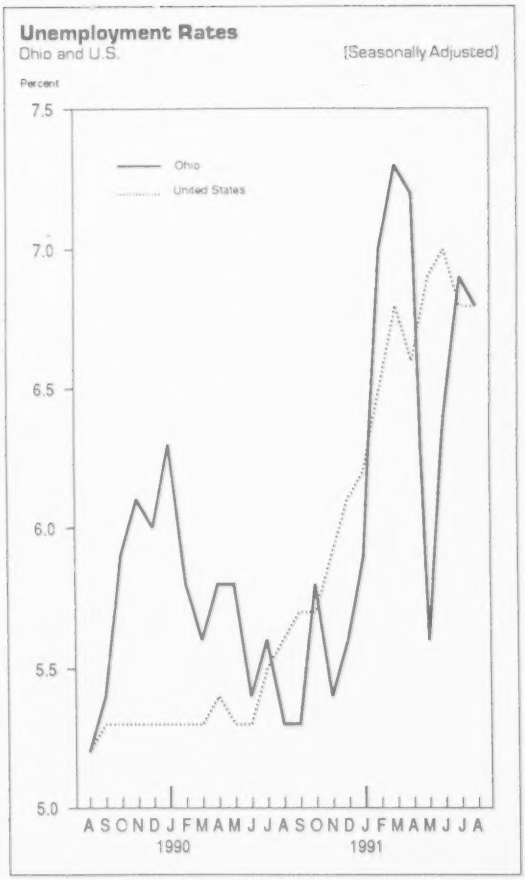
| Nonagricultural Employment | | | | | |
|---|---|---|---|---|---|
| | Goods-Producing Employment | | | | |
| Total | Total | Mining | Construction | Manufacturing | |
| | | | | | 1989 |
| 4,830 | 1,336 | 18 | 195 | 1,122 | August |
| 4,834 | 1,332 | 18 | 196 | 1,119 | September |
| 4,830 | 1,322 | 18 | 194 | 1,110 | October |
| 4,845 | 1,332 | 18 | 196 | 1,119 | November |
| 4,854 | 1,330 | 18 | 196 | 1,117 | December |
| | | | | | 1990 |
| 4,840 | 1,314 | 18 | 199 | 1,097 | January |
| 4,873 | 1,337 | 18 | 204 | 1,116 | February |
| 4,888 | 1,338 | 18 | 204 | 1,117 | March |
| 4,878 | 1,332 | 18 | 199 | 1,115 | April |
| 4,895 | 1,332 | 18 | 198 | 1,117 | May |
| 4,903 | 1,334 | 18 | 197 | 1,119 | June |
| 4,903 | 1,328 | 18 | 196 | 1,114 | July |
| 4,910 | 1,329 | 18 | 197 | 1,115 | August |
| 4,911 | 1,328 | 17 | 197 | 1,113 | September |
| 4,921 | 1,329 | 17 | 197 | 1,115 | October |
| 4,913 | 1,318 | 17 | 198 | 1,103 | November |
| 4,914 | 1,316 | 17 | 199 | 1,100 | December |
| | | | | | 1991 |
| 4,919 | 1,315 | 17 | 200 | 1,098 | January |
| 4,911 | 1,300 | 17 | 202 | 1,081 | February |
| 4,913 | 1,296 | 17 | 202 | 1,077 | March |
| 4,907 | 1,297 | 17 | 201 | 1,079 | April |
| 4,916 | 1,297 | 17 | 200 | 1,080 | May |
| 4,922 | 1,301 | 17 | 201 | 1,083 | June |
| 4,924 | 1,295 | 17 | 200 | 1,078 | July |
| 4,933 | 1,297 | 17 | 200 | 1,081 | August |

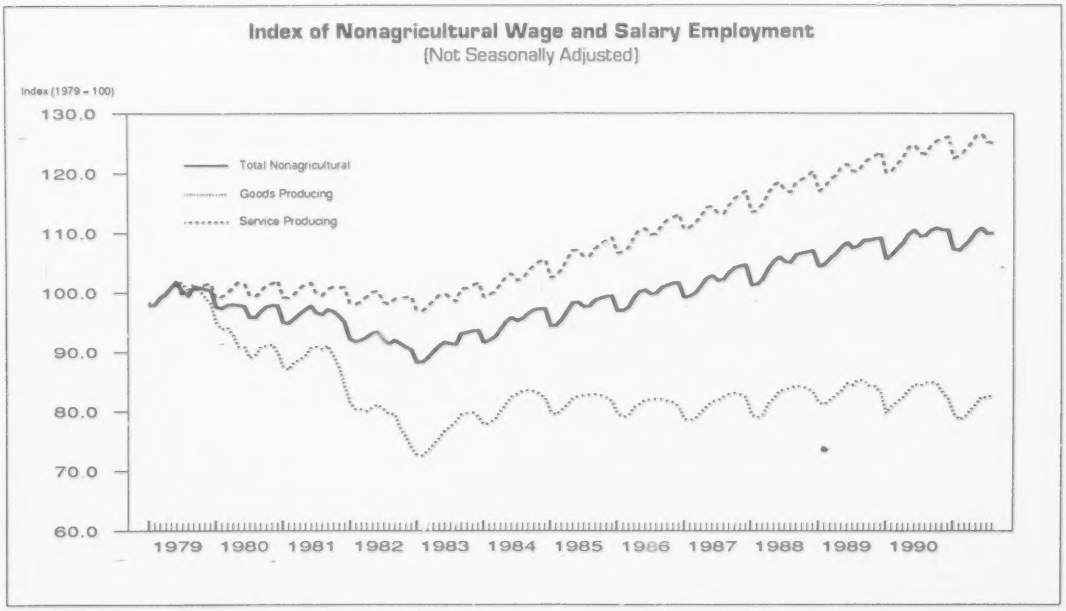
## Service-Producing Employment
(In Thousands)

| Total | Transportation & Public Utilities | | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | | Services | Government |
|---|---|---|---|---|---|---|---|---|
| | | 1989 | | | | 1989 | | |
| 3,495 | 217 | August | 262 | 902 | 253 | August | 1,155 | 706 |
| 3,502 | 218 | September | 261 | 902 | 254 | September | 1,159 | 708 |
| 3,508 | 218 | October | 261 | 902 | 254 | October | 1,163 | 711 |
| 3,513 | 218 | November | 261 | 906 | 254 | November | 1,164 | 710 |
| 3,524 | 219 | December | 260 | 909 | 254 | December | 1,168 | 714 |
| | | 1990 | | | | 1990 | | |
| 3,526 | 219 | January | 261 | 909 | 254 | January | 1,171 | 714 |
| 3,536 | 219 | February | 260 | 910 | 254 | February | 1,175 | 717 |
| 3,550 | 220 | March | 261 | 913 | 255 | March | 1,181 | 720 |
| 3,545 | 219 | April | 262 | 907 | 254 | April | 1,181 | 722 |
| 3,563 | 220 | May | 262 | 908 | 254 | May | 1,187 | 731 |
| 3,570 | 219 | June | 263 | 911 | 255 | June | 1,195 | 727 |
| 3,576 | 219 | July | 263 | 911 | 255 | July | 1,199 | 728 |
| 3,581 | 219 | August | 264 | 913 | 255 | August | 1,204 | 726 |
| 3,583 | 220 | September | 264 | 912 | 255 | September | 1,207 | 725 |
| 3,592 | 220 | October | 264 | 912 | 256 | October | 1,213 | 727 |
| 3,595 | 220 | November | 265 | 913 | 256 | November | 1,215 | 727 |
| 3,598 | 221 | December | 265 | 912 | 256 | December | 1,218 | 726 |
| | | 1991 | | | | 1991 | | |
| 3,604 | 222 | January | 265 | 913 | 257 | January | 1,220 | 727 |
| 3,611 | 222 | February | 265 | 913 | 257 | February | 1,225 | 730 |
| 3,617 | 221 | March | 265 | 915 | 257 | March | 1,229 | 729 |
| 3,611 | 221 | April | 265 | 909 | 256 | April | 1,231 | 728 |
| 3,620 | 221 | May | 265 | 910 | 257 | May | 1,236 | 731 |
| 3,621 | 220 | June | 266 | 912 | 257 | June | 1,239 | 728 |
| 3,629 | 221 | July | 266 | 912 | 257 | July | 1,240 | 733 |
| 3,636 | 221 | August | 267 | 913 | 257 | August | 1,246 | 731 |

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.


Indexes of Total Employment
Ohio and U.S.
(Seasonally Adjusted)
Index (1979=100)
125.0
120.0
115.0
110.0
105.0
100.0
Ohio
United States
A S O N D J F M A M J J A S O N D J F M A M J J A
1990
1991


Unemployment Rates
Ohio and U.S.
(Seasonally Adjusted)
Percent
7.5
7.0
6.5
6.0
5.5
5.0
Ohio
United States
A S O N D J F M A M J J A S O N D J F M A M J J A
1990
1991


Index of Nonagricultural Wage and Salary Employment
(Not Seasonally Adjusted)
Index (1979 = 100)
130.0
120.0
110.0
100.0
90.0
80.0
70.0
60.0
Total Nonagricultural
Goods Producing
Service Producing
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990

# Nonseasonally Adjusted Estimates[a]

## Ohio Civilian Labor Force Estimates

(in thousands)

| Civilian Labor Force | | | Unemployment Rates | | |
|---|---|---|---|---|---|
| Total | Employed | Unemployed | Ohio | U.S. | |
| 5,089 | 4,663 | 426 | 8.4 | 7.1 | 1980 |
| 5,100 | 4,608 | 492 | 9.6 | 7.6 | 1981 |
| 5,114 | 4,474 | 640 | 12.5 | 9.7 | 1982 |
| 5,099 | 4,478 | 621 | 12.2 | 9.6 | 1983 |
| 5,089 | 4,609 | 480 | 9.4 | 7.5 | 1984 |
| 5,135 | 4,680 | 455 | 8.9 | 7.2 | 1985 |
| 5,232 | 4,806 | 425 | 8.1 | 7.0 | 1986 |
| 5,253 | 4,886 | 367 | 7.0 | 6.2 | 1987 |
| 5,322 | 5,002 | 320 | 6.0 | 5.5 | 1988 |
| 5,419 | 5,118 | 300 | 5.5 | 5.3 | 1989 |
| 5,433 | 5,126 | 307 | 5.7 | 5.5 | 1990 |
| | | | | | 1990 |
| 5,504 | 5,245 | 258 | 4.7 | 5.4 | August |
| 5,436 | 5,177 | 259 | 4.8 | 5.5 | September |
| 5,493 | 5,187 | 306 | 5.6 | 5.4 | October |
| 5,463 | 5,176 | 287 | 5.3 | 5.8 | November |
| 5,484 | 5,169 | 315 | 5.7 | 5.9 | December |
| | | | | | 1991 |
| 5,357 | 4,968 | 389 | 7.3 | 7.0 | January |
| 5,341 | 4,932 | 409 | 7.7 | 7.2 | February |
| 5,417 | 5,004 | 414 | 7.6 | 7.1 | March |
| 5,473 | 5,087 | 386 | 7.1 | 6.5 | April |
| 5,445 | 5,154 | 292 | 5.4 | 6.6 | May |
| 5,508 | 5,152 | 356 | 6.5 | 6.9 | June |
| 5,546 | 5,197 | 349 | 6.3 | 6.7 | July |
| 5,429 | 5,102 | 327 | 6.0 | 6.5 | August |

## Ohio Nonagricultural Wage and Salary Employment

(in thousands)

| Nonagricultural Employment | | | | | |
|---|---|---|---|---|---|
| | Goods–Producing Employment | | | | |
| Total | Total | Mining | Construction | Manufacturing | |
| 4,367.4 | 1,462.5 | 30.7 | 167.4 | 1,264.3 | 1980 |
| 4,317.7 | 1,417.0 | 30.7 | 153.7 | 1,232.6 | 1981 |
| 4,124.3 | 1,264.8 | 30.3 | 134.6 | 1,099.9 | 1982 |
| 4,092.5 | 1,223.4 | 26.6 | 130.8 | 1,066.0 | 1983 |
| 4,260.2 | 1,299.7 | 27.8 | 144.8 | 1,127.0 | 1984 |
| 4,372.9 | 1,304.3 | 26.1 | 154.0 | 1,124.2 | 1985 |
| 4,471.4 | 1,293.1 | 22.6 | 160.7 | 1,109.8 | 1986 |
| 4,582.6 | 1,296.2 | 20.9 | 176.4 | 1,098.9 | 1987 |
| 4,700.6 | 1,315.1 | 18.9 | 185.6 | 1,110.6 | 1988 |
| 4,817.4 | 1,334.1 | 17.9 | 193.6 | 1,122.6 | 1989 |
| 4,895.8 | 1,327.8 | 17.6 | 198.5 | 1,111.7 | 1990 |
| | | | | | 1990 |
| 4,916.5 | 1,356.3 | 18.0 | 217.8 | 1,120.5 | August |
| 4,958.1 | 1,357.5 | 17.9 | 216.4 | 1,123.2 | September |
| 4,974.2 | 1,352.7 | 17.8 | 213.6 | 1,121.3 | October |
| 4,962.8 | 1,331.3 | 17.6 | 207.6 | 1,106.1 | November |
| 4,955.9 | 1,313.0 | 17.4 | 195.7 | 1,099.9 | December |
| | | | | | 1991 |
| 4,814.5 | 1,274.5 | 16.7 | 172.2 | 1,085.6 | January |
| 4,807.8 | 1,256.3 | 16.4 | 169.0 | 1,070.9 | February |
| 4,844.7 | 1,263.4 | 16.7 | 176.8 | 1,069.9 | March |
| 4,889.7 | 1,281.7 | 16.9 | 190.0 | 1,074.8 | April |
| 4,947.0 | 1,298.3 | 16.9 | 201.3 | 1,080.2 | May |
| 4,975.6 | 1,318.9 | 17.2 | 211.1 | 1,090.6 | June |
| 4,931.9 | 1,314.2 | 17.3 | 218.4 | 1,078.5 | July |
| 4,938.9 | 1,324.2 | 17.0 | 220.8 | 1,086.4 | August |

## Service–Producing Employment

(in thousands)

| Total | Transportation & Public Utilities | | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | | Services | Government |
|---|---|---|---|---|---|---|---|---|
| 2,904.9 | 223.1 | 1980 | 231.7 | 725.5 | 203.8 | 1980 | 830.9 | 689.9 |
| 2,900.7 | 217.2 | 1981 | 233.6 | 716.5 | 205.8 | 1981 | 851.6 | 676.0 |
| 2,859.5 | 206.8 | 1982 | 227.1 | 702.3 | 206.4 | 1982 | 857.3 | 659.6 |
| 2,869.2 | 198.5 | 1983 | 223.6 | 709.9 | 207.8 | 1983 | 873.3 | 656.1 |
| 2,960.5 | 203.9 | 1984 | 237.9 | 746.8 | 211.5 | 1984 | 905.2 | 655.2 |
| 3,068.5 | 202.7 | 1985 | 245.1 | 786.5 | 219.3 | 1985 | 949.5 | 665.2 |
| 3,178.4 | 203.4 | 1986 | 245.7 | 817.1 | 232.3 | 1986 | 1,001.0 | 678.9 |
| 3,286.4 | 207.8 | 1987 | 249.4 | 846.9 | 243.8 | 1987 | 1,051.2 | 687.3 |
| 3,385.5 | 212.1 | 1988 | 256.4 | 877.4 | 249.0 | 1988 | 1,096.8 | 693.8 |
| 3,483.4 | 216.4 | 1989 | 261.0 | 900.1 | 252.4 | 1989 | 1,147.1 | 706.4 |
| 3,568.0 | 219.7 | 1990 | 262.8 | 910.8 | 254.9 | 1990 | 1,195.6 | 724.2 |
| | | 1990 | | | | 1990 | | |
| 3,560.3 | 221.4 | August | 265.2 | 922.2 | 258.4 | August | 1,220.4 | 672.5 |
| 3,600.6 | 222.6 | September | 264.4 | 919.6 | 256.4 | September | 1,227.2 | 710.4 |
| 3,621.5 | 222.4 | October | 265.1 | 917.8 | 255.7 | October | 1,222.0 | 738.5 |
| 3,631.6 | 222.1 | November | 265.2 | 928.9 | 255.4 | November | 1,214.9 | 745.0 |
| 3,642.8 | 223.4 | December | 265.9 | 941.7 | 255.8 | December | 1,212.6 | 743.4 |
| | | 1991 | | | | 1991 | | |
| 3,540.0 | 217.5 | January | 262.1 | 893.0 | 253.7 | January | 1,184.3 | 729.3 |
| 3,551.4 | 216.7 | February | 261.7 | 880.4 | 254.0 | February | 1,194.7 | 744.0 |
| 3,581.3 | 217.6 | March | 262.7 | 889.4 | 254.6 | March | 1,208.7 | 748.3 |
| 3,608.0 | 219.3 | April | 263.9 | 899.2 | 254.9 | April | 1,228.3 | 742.3 |
| 3,648.7 | 220.9 | May | 265.6 | 912.3 | 256.6 | May | 1,242.8 | 750.4 |
| 3,656.7 | 222.3 | June | 267.6 | 921.2 | 259.3 | June | 1,260.2 | 726.0 |
| 3,617.7 | 223.1 | July | 268.8 | 918.4 | 260.1 | July | 1,259.9 | 687.5 |
| 3,614.6 | 223.6 | August | 268.6 | 922.8 | 260.1 | August | 1,262.9 | 676.6 |

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

# Manufacturing Employment, Hours, and Earnings[a]

Not Seasonally Adjusted

| Manufacturing Employment | | | | Production Workers in Manufacturing | | |
|---|---|---|---|---|---|---|
| Total (thousands) | Durable Goods (thousands) | Nondurable Goods (thousands) | | Production Workers (thousands) | Aggregate Weekly Payroll (millions) | Aggregate Weekly Hours (millions) |
| 1,264.3 | 880.3 | 384.1 | 1980 | 867.8 | $301.9 | 35.2 |
| 1,232.6 | 858.2 | 374.4 | 1981 | 847.7 | 330.4 | 34.7 |
| 1,099.9 | 750.5 | 349.4 | 1982 | 735.7 | 297.1 | 29.5 |
| 1,066.0 | 721.9 | 344.1 | 1983 | 721.6 | 315.5 | 29.9 |
| 1,127.0 | 771.7 | 355.4 | 1984 | 781.5 | 362.3 | 33.1 |
| 1,124.2 | 767.0 | 357.3 | 1985 | 773.4 | 369.7 | 32.5 |
| 1,109.8 | 751.0 | 358.8 | 1986 | 758.5 | 369.1 | 31.9 |
| 1,098.9 | 738.9 | 360.0 | 1987 | 751.4 | 375.5 | 32.0 |
| 1,110.6 | 747.3 | 363.4 | 1988 | 762.3 | 393.0 | 32.8 |
| 1,122.6 | 754.7 | 367.9 | 1989 | 770.4 | 403.3 | 32.9 |
| 1,111.7 | 743.3 | 368.5 | 1990 | 757.3 | 405.9 | 32.1 |
| | | | 1990 | | | |
| 1,120.5 | 748.4 | 372.2 | August | 763.2 | 409.7 | 32.4 |
| 1,123.2 | 748.0 | 375.2 | September | 766.3 | 426.7 | 33.1 |
| 1,121.3 | 746.9 | 374.4 | October | 765.0 | 418.7 | 32.6 |
| 1,106.1 | 734.4 | 371.7 | November | 749.8 | 410.8 | 32.0 |
| 1,099.9 | 729.8 | 370.1 | December | 743.7 | 403.9 | 31.5 |
| | | | 1991 | | | |
| 1,085.6 | 718.1 | 367.5 | January | 731.1 | 394.6 | 30.7 |
| 1,070.9 | 706.7 | 364.2 | February | 717.4 | 377.1 | 29.6 |
| 1,069.9 | 706.3 | 363.6 | March | 716.7 | 383.1 | 29.7 |
| 1,074.8 | 710.8 | 364.0 | April | 721.5 | 385.9 | 29.9 |
| 1,080.2 | 714.6 | 365.5 | May | 727.7 | 395.4 | 30.3 |
| 1,090.6 | 721.8 | 368.8 | June | 736.6 | 413.6 | 31.3 |
| 1,078.5 | 713.8 | 364.7 | July | 725.2 | 402.4 | 30.6 |
| 1,086.4 | 716.2 | 370.2 | August | 733.6 | 407.1 | 31.0 |

| Production Worker Average Weekly Earnings | | | | Production Worker Average Weekly Hours | | | | Production Worker Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Manufacturing | Durable Goods | Nondurable Goods | | Manufacturing | Durable Goods | Nondurable Goods | | Manufacturing | Durable Goods | Nondurable Goods |
| $347.94 | $358.57 | $339.99 | 1980 | 40.6 | 40.7 | 40.2 | 1980 | $ 8.57 | $ 8.81 | $ 7.96 |
| 389.78 | 401.64 | 358.16 | 1981 | 40.9 | 40.9 | 40.7 | 1981 | 9.53 | 9.82 | 8.80 |
| 403.81 | 414.80 | 378.95 | 1982 | 40.1 | 40.0 | 40.4 | 1982 | 10.07 | 10.37 | 9.38 |
| 437.18 | 452.35 | 402.52 | 1983 | 41.4 | 41.5 | 41.2 | 1983 | 10.56 | 10.90 | 9.77 |
| 463.61 | 482.38 | 417.83 | 1984 | 42.3 | 42.5 | 41.7 | 1984 | 10.96 | 11.35 | 10.02 |
| 477.96 | 499.56 | 425.80 | 1985 | 42.0 | 42.3 | 41.3 | 1985 | 11.38 | 11.81 | 10.31 |
| 486.68 | 507.95 | 439.71 | 1986 | 42.1 | 42.4 | 41.6 | 1986 | 11.56 | 11.98 | 10.57 |
| 499.70 | 519.52 | 455.03 | 1987 | 42.6 | 42.9 | 41.9 | 1987 | 11.73 | 12.11 | 10.86 |
| 515.57 | 538.16 | 466.31 | 1988 | 43.0 | 43.4 | 42.2 | 1988 | 11.99 | 12.40 | 11.05 |
| 523.50 | 542.23 | 478.19 | 1989 | 42.7 | 43.0 | 41.8 | 1989 | 12.26 | 12.61 | 11.44 |
| 535.94 | 556.38 | 492.74 | 1990 | 42.4 | 42.7 | 41.9 | 1990 | 12.64 | 13.03 | 11.76 |
| | | | 1990 | | | | 1990 | | | |
| 536.78 | 555.93 | 493.92 | August | 42.4 | 42.6 | 42.0 | August | 12.66 | 13.05 | 11.76 |
| 556.85 | 581.16 | 504.38 | September | 43.2 | 43.5 | 42.6 | September | 12.89 | 13.36 | 11.84 |
| 547.41 | 571.43 | 496.78 | October | 42.6 | 42.9 | 42.1 | October | 12.85 | 13.32 | 11.80 |
| 547.84 | 568.43 | 503.37 | November | 42.7 | 42.9 | 42.3 | November | 12.83 | 13.25 | 11.90 |
| 543.13 | 562.22 | 501.06 | December | 42.3 | 42.4 | 42.0 | December | 12.84 | 13.26 | 11.93 |
| | | | 1991 | | | | 1991 | | | |
| 539.70 | 559.99 | 497.90 | January | 42.0 | 42.2 | 41.7 | January | 12.85 | 13.27 | 11.94 |
| 525.71 | 541.86 | 492.79 | February | 41.2 | 41.3 | 41.1 | February | 12.76 | 13.12 | 11.99 |
| 534.52 | 551.20 | 498.08 | March | 41.5 | 41.6 | 41.3 | March | 12.88 | 13.25 | 12.06 |
| 534.89 | 552.78 | 497.25 | April | 41.4 | 41.5 | 41.3 | April | 12.92 | 13.32 | 12.04 |
| 543.35 | 561.79 | 503.40 | May | 41.7 | 41.8 | 41.5 | May | 13.03 | 13.44 | 12.13 |
| 561.43 | 584.99 | 510.25 | June | 42.5 | 42.7 | 42.1 | June | 13.21 | 13.70 | 12.12 |
| 554.93 | 576.13 | 510.25 | July | 42.2 | 42.3 | 42.1 | July | 13.15 | 13.62 | 12.12 |
| 554.98 | 575.19 | 508.87 | August | 42.3 | 42.2 | 42.3 | August | 13.12 | 13.63 | 12.03 |

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

# Employment and Average Weekly Earnings in Selected Major Manufacturing Industries[a]

Not Seasonally Adjusted

## Employment

(thousands)

| Stone, Clay, and Glass Products | Primary Metal Industries | Fabricated Metal Products | | Industrial Machinery and Equipment | Electronic and Other Electric Equipment | Transportation Equipment | | Food and Kindred Products | Printing and Publishing | Rubber and Miscellaneous Plastics Products |
|---|---|---|---|---|---|---|---|---|---|---|
| 62.0 | 139.8 | 157.5 | 1980 | 219.2 | 96.5 | 138.6 | 1980 | 72.7 | 67.4 | 95.1 |
| 58.6 | 138.3 | 154.8 | 1981 | 211.8 | 92.3 | 136.4 | 1981 | 69.2 | 66.1 | 91.4 |
| 52.1 | 112.7 | 134.9 | 1982 | 183.4 | 84.7 | 121.1 | 1982 | 66.9 | 63.2 | 82.4 |
| 50.2 | 104.1 | 129.8 | 1983 | 160.1 | 81.7 | 131.6 | 1983 | 63.4 | 62.8 | 84.5 |
| 50.5 | 108.9 | 138.8 | 1984 | 173.1 | 85.4 | 144.4 | 1984 | 62.8 | 65.1 | 92.7 |
| 48.5 | 101.8 | 139.7 | 1985 | 171.7 | 83.2 | 150.6 | 1985 | 62.9 | 66.8 | 93.3 |
| 47.5 | 95.4 | 136.8 | 1986 | 163.9 | 82.0 | 153.2 | 1986 | 63.0 | 68.4 | 94.5 |
| 46.5 | 95.8 | 132.9 | 1987 | 160.3 | 79.9 | 148.8 | 1987 | 63.1 | 70.5 | 93.6 |
| 46.0 | 100.8 | 135.2 | 1988 | 163.9 | 80.0 | 142.8 | 1988 | 62.5 | 72.5 | 93.4 |
| 45.9 | 102.4 | 135.6 | 1989 | 167.7 | 79.9 | 143.8 | 1989 | 62.9 | 73.8 | 95.5 |
| 45.6 | 100.1 | 131.0 | 1990 | 165.2 | 79.2 | 143.6 | 1990 | 61.9 | 75.2 | 94.0 |
| | | | 1990 | | | | 1990 | | | |
| 46.3 | 100.5 | 131.8 | August | 165.0 | 79.0 | 146.8 | August | 62.7 | 75.8 | 94.9 |
| 46.1 | 101.9 | 132.6 | September | 164.5 | 78.8 | 145.2 | September | 65.3 | 75.9 | 95.4 |
| 46.0 | 101.2 | 131.6 | October | 163.7 | 78.6 | 147.0 | October | 64.3 | 75.9 | 95.4 |
| 45.4 | [illegible] | 130.0 | November | 162.7 | 77.8 | 140.6 | November | 62.6 | 76.2 | 94.2 |
| 43.8 | 99.7 | 129.6 | December | 163.5 | 77.3 | 137.8 | December | 62.6 | 76.4 | 92.6 |
| | | | 1991 | | | | 1991 | | | |
| 42.7 | 99.2 | 126.8 | January | 163.1 | 76.2 | 134.3 | January | 62.5 | 75.7 | 91.9 |
| 42.5 | 95.5 | 122.9 | February | 161.2 | 76.1 | 133.2 | February | 62.1 | 75.6 | 89.5 |
| 42.6 | 96.8 | 123.4 | March | 160.5 | 75.8 | 131.3 | March | 62.5 | 75.6 | 88.6 |
| 43.6 | 96.1 | 123.8 | April | 158.0 | 75.9 | 137.2 | April | 62.6 | 75.8 | 89.1 |
| 44.1 | 96.1 | 124.5 | May | 158.1 | 76.3 | 138.8 | May | 63.4 | 76.0 | 89.4 |
| 44.5 | 96.7 | 125.0 | June | 157.6 | 76.7 | 143.8 | June | 64.1 | 76.4 | 90.6 |
| 44.4 | 95.5 | 124.2 | July | 156.3 | 76.6 | 139.7 | July | 63.9 | 75.9 | 88.2 |
| 44.6 | 97.0 | 124.2 | August | 155.8 | 76.6 | 140.4 | August | 66.6 | 75.9 | 90.3 |

## Average Weekly Earnings of Production Workers

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| $315.43 | $422.01 | $349.34 | 1980 | $352.77 | $316.31 | $414.83 | 1980 | $329.85 | $320.92 | $323.61 |
| 348.02 | 484.04 | 389.61 | 1981 | 389.16 | 350.27 | 471.50 | 1981 | 362.75 | 347.70 | 368.67 |
| 376.88 | 480.54 | 398.77 | 1982 | 392.63 | 366.56 | 506.99 | 1982 | 386.04 | 358.45 | 381.11 |
| 40[illegible] | 503.85 | 460.65 | 1983 | 424.09 | 394.63 | 557.92 | 1983 | 403.79 | 375.62 | 412.25 |
| 41[illegible] | 537.21 | 475.30 | 1984 | 467.61 | 420.65 | 603.46 | 1984 | 419.19 | 386.30 | 419.99 |
| 434.30 | 548.83 | 492.15 | 1985 | 475.58 | 433.30 | 635.26 | 1985 | 413.25 | 395.14 | 429.17 |
| 443.81 | 559.93 | 494.91 | 1986 | 485.18 | 459.80 | 632.06 | 1986 | 416.83 | 410.70 | 438.96 |
| 449.82 | 602.53 | 500.12 | 1987 | 502.36 | 463.01 | 638.13 | 1987 | 440.34 | 429.00 | 441.34 |
| 470.37 | 626.44 | 513.17 | 1988 | 526.24 | 466.07 | 673.91 | 1988 | 446.04 | 445.22 | 446.95 |
| 478.67 | 619.61 | 509.09 | 1989 | 534.10 | 459.95 | 704.48 | 1989 | 458.39 | 457.81 | 446.05 |
| 490.33 | 644.57 | 519.96 | 1990 | 543.46 | 464.12 | 721.92 | 1990 | 476.99 | 475.60 | 451.36 |
| | | | 1990 | | | | 1990 | | | |
| 495.20 | 649.82 | 524.97 | August | 546.08 | 465.12 | 706.55 | August | 485.78 | 472.03 | 452.19 |
| 501.38 | 684.71 | 543.99 | September | 562.42 | 477.76 | 767.45 | September | 492.59 | 487.62 | 461.58 |
| 492.26 | 666.45 | 539.33 | October | 558.54 | 472.73 | 740.44 | October | 475.45 | 484.41 | 456.20 |
| 486.78 | 660.93 | 530.88 | November | 559.39 | 479.83 | 736.20 | November | 500.98 | 490.84 | 446.08 |
| 486.97 | 643.99 | 522.42 | December | 555.52 | 484.97 | 716.13 | December | 507.91 | 493.68 | 443.21 |
| | | | 1991 | | | | 1991 | | | |
| 488.31 | 650.32 | 518.32 | January | 548.70 | 475.69 | 724.55 | January | 482.89 | 479.50 | 449.90 |
| 490.31 | 599.23 | 501.39 | February | 532.98 | 472.73 | 703.50 | February | 469.68 | 485.10 | 443.48 |
| 499.31 | 624.75 | 511.60 | March | 537.20 | 477.99 | 715.29 | March | 497.20 | 484.31 | 447.12 |
| 494.56 | 635.58 | 516.89 | April | 532.97 | 475.26 | 704.33 | April | 478.74 | 483.15 | 453.46 |
| 492.96 | 639.84 | 525.26 | May | 534.59 | 474.85 | 736.59 | May | 509.50 | 477.97 | 458.59 |
| 500.41 | 676.02 | 553.24 | June | 551.23 | 491.30 | 766.46 | June | 507.37 | 473.98 | 480.39 |
| 505.41 | 677.47 | 536.90 | July | 545.62 | 482.21 | 754.70 | July | 506.51 | 488.03 | 473.05 |
| 512.56 | 670.32 | 542.05 | August | 551.62 | 483.07 | 737.02 | August | 507.48 | 481.20 | 470.12 |

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Ohio

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 4938.9 | 4931.9 | 4916.5 | 7.0 | 22.4 |
| **Goods-Producing Industries** | 1324.2 | 1314.2 | 1356.3 | 10.0 | -32.0 |
| Mining | 17.0 | 17.3 | 18.0 | -.2 | -.9 |
| Coal Mining | 6.5 | 6.6 | 6.9 | .0 | -.3 |
| Oil and Gas Extraction | 5.7 | 5.8 | 6.0 | -.1 | -.2 |
| Construction | 220.8 | 218.4 | 217.8 | 2.4 | 3.1 |
| General Building Contractors | 51.5 | 51.1 | 50.9 | .4 | .6 |
| Nonresidential Building Construction | 26.2 | 25.9 | 26.0 | .3 | .3 |
| Heavy Construction, Except Building | 29.7 | 29.0 | 28.7 | .6 | 1.0 |
| Highway and Street Construction | 11.8 | 11.4 | 11.0 | .3 | .8 |
| Special Trade Contractors | 139.7 | 138.3 | 138.2 | 1.4 | 1.5 |
| Manufacturing | 1086.4 | 1078.5 | 1120.5 | 7.9 | -34.2 |
| Durable Goods[f] | 716.2 | 713.8 | 748.4 | 2.4 | -32.2 |
| Lumber and Wood Products | 21.7 | 21.5 | 21.9 | .2 | -.2 |
| Millwork, Plywood and Structural Members | 10.0 | 10.0 | 10.0 | .0 | .0 |
| Furniture and Fixtures | 15.2 | 15.1 | 15.1 | .1 | .1 |
| Stone, Clay, and Glass Products | 44.6 | 44.4 | 46.3 | .2 | -1.7 |
| Primary Metal Industries | 97.0 | 95.5 | 100.5 | 1.4 | -3.5 |
| Blast Furnace and Basic Steel Products | 44.9 | 44.5 | 46.6 | .4 | -1.7 |
| Iron and Steel Foundries | 18.5 | 18.0 | 19.6 | .4 | -1.2 |
| Nonferrous Rolling and Drawing | 16.1 | 15.5 | 16.1 | .6 | .0 |
| Nonferrous Foundries | 10.1 | 10.1 | 10.6 | .0 | -.5 |
| Fabricated Metal Products | 124.2 | 124.2 | 131.8 | .1 | -7.6 |
| Fabricated Structural Metal Products | 27.4 | 27.2 | 29.7 | .2 | -2.3 |
| Metal Forgings and Stampings | 35.9 | 35.9 | 37.8 | .0 | -1.9 |
| Industrial Machinery and Equipment | 155.8 | 156.3 | 165.0 | -.5 | -9.2 |
| Construction and Related Machinery | 11.4 | 11.6 | 13.3 | -.2 | -1.9 |
| Metalworking Machinery | 45.8 | 46.2 | 48.4 | -.4 | -2.5 |
| Special Industry Machinery | 14.7 | 14.5 | 16.5 | .2 | -1.7 |
| General Industrial Machinery | 24.8 | 24.9 | 26.0 | .0 | -1.1 |
| Computer and Office Equipment | 10.6 | 10.8 | 11.3 | -.2 | -.7 |
| Refrigeration and Service Machinery | 15.1 | 15.2 | 15.3 | -.1 | -.2 |
| Electronic and Other Electric Equipment | 76.6 | 76.6 | 79.0 | .0 | -2.4 |
| Electrical Industrial Apparatus | 11.5 | 11.5 | 12.0 | .0 | -.6 |
| Household Appliances | 14.9 | 14.7 | 15.7 | .2 | -.9 |
| Electric Lighting and Wiring Equipment | 15.7 | 15.9 | 16.2 | -.1 | -.5 |
| Electronic Components and Accessories | 11.0 | 11.1 | 11.8 | -.1 | -.7 |
| Transportation Equipment | 140.4 | 139.7 | 146.8 | .7 | -6.4 |
| Motor Vehicles and Equipment | 98.7 | 97.6 | 100.8 | 1.1 | -2.1 |
| Aircraft and Parts | 34.6 | 35.1 | 37.6 | -.5 | -3.0 |
| Instruments and Related Products | 25.7 | 25.6 | 26.2 | .1 | -.5 |
| Measuring and Controlling Devices | 14.6 | 14.6 | 15.5 | .0 | -.9 |
| Nondurable Goods[g] | 370.2 | 364.7 | 372.2 | 5.5 | -2.0 |
| Food and Kindred Products | 66.6 | 63.9 | 62.7 | 2.6 | 3.9 |
| Dairy Products | 10.7 | 10.7 | 10.1 | -.1 | .6 |
| Preserved Fruits and Vegetables | 12.8 | 10.5 | 10.9 | 2.3 | 1.9 |
| Bakery Products | 9.8 | 9.7 | 9.6 | .1 | .2 |
| Apparel and Other Textile Products | 14.7 | 14.1 | 14.8 | .6 | -.1 |
| Paper and Allied Products | 37.6 | 37.4 | 37.8 | .2 | -.2 |
| Paperboard Containers and Boxes | 13.9 | 13.6 | 13.5 | .3 | .4 |
| Miscellaneous Converted Paper Products | 11.8 | 11.9 | 12.1 | -.1 | -.4 |
| Printing and Publishing | 75.9 | 75.9 | 75.8 | .1 | .1 |
| Newspapers | 18.5 | 18.6 | 19.1 | -.1 | -.5 |
| Commercial Printing | 28.4 | 28.3 | 27.8 | .2 | .6 |
| Chemicals and Allied Products | 66.3 | 66.6 | 66.8 | -.3 | -.5 |
| Plastics Materials and Synthetics | 9.5 | 9.7 | 9.8 | -.2 | -.3 |
| Rubber and Miscellaneous Plastics Products | 90.3 | 88.2 | 94.9 | 2.1 | -4.6 |
| Tires and Inner Tubes | 14.5 | 14.2 | 14.7 | .3 | -.2 |
| Miscellaneous Plastics Products | 56.8 | 55.4 | 58.1 | 1.4 | -1.3 |
| **Service-Producing Industries** | 3614.6 | 3617.7 | 3560.3 | -3.0 | 54.4 |
| Transportation and Public Utilities | 223.6 | 223.1 | 221.4 | .5 | 2.2 |
| Transportation | 131.7 | 131.1 | 129.2 | .6 | 2.5 |
| Railroad Transportation | 11.4 | 11.4 | 12.4 | .0 | -.9 |
| Trucking and Warehousing | 77.3 | 77.1 | 76.8 | .2 | .5 |
| Transportation by Air | 16.1 | 15.9 | 14.5 | .2 | 1.6 |
| Communications, Electric, Gas Services | 91.9 | 92.0 | 92.2 | -.1 | -.3 |
| Communications | 47.9 | 47.9 | 48.2 | -.1 | -.4 |
| Electric, Gas, and Sanitary Services | 44.1 | 44.1 | 44.0 | .0 | .1 |

See footnotes on page 13.

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| Wholesale Trade | 268.6 | 268.8 | 265.2 | -.2 | 3.4 |
| Wholesale Trade-Durable Goods | 166.3 | 166.5 | 165.5 | -.2 | .8 |
| Motor Vehicles, Parts, and Supplies | 22.1 | 22.1 | 22.2 | .0 | -.2 |
| Professional and Commercial Equipment | 32.6 | 32.5 | 32.4 | .0 | .2 |
| Metals and Minerals, Except Petroleum | 10.9 | 10.9 | 11.2 | .0 | -.3 |
| Electrical Goods | 17.3 | 17.4 | 17.6 | -.2 | -.3 |
| Hardware, Plumbing and Heating Equipment | 12.6 | 12.6 | 12.5 | .0 | .1 |
| Machinery, Equipment, and Supplies | 41.6 | 41.7 | 41.0 | -.1 | .6 |
| Wholesale Trade-Nondurable Goods | 102.3 | 102.3 | 99.7 | .0 | 2.5 |
| Groceries and Related Products | 35.2 | 35.1 | 33.9 | .1 | 1.3 |
| Retail Trade | 922.8 | 918.4 | 922.2 | 4.5 | .6 |
| Building Materials and Garden Supplies | 34.9 | 35.3 | 35.8 | -.4 | -.9 |
| Lumber and Other Building Materials | 18.0 | 18.1 | 18.5 | -.1 | -.5 |
| General Merchandise Stores | 120.4 | 119.6 | 124.3 | .8 | -3.9 |
| Department Stores | 100.3 | 99.7 | 103.8 | .6 | -3.4 |
| Variety Stores | 9.8 | 9.7 | 10.3 | .1 | -.5 |
| Food Stores | 141.1 | 141.4 | 141.6 | -.3 | -.5 |
| Grocery Stores | 125.3 | 125.6 | 125.5 | -.4 | -.2 |
| Automotive Dealers and Service Stations | 99.4 | 99.0 | 100.7 | .4 | -1.3 |
| New and Used Car Dealers | 41.4 | 41.3 | 42.5 | .2 | -1.1 |
| Gasoline Service Stations | 35.9 | 35.7 | 36.2 | .2 | -.3 |
| Apparel and Accessory Stores | 51.0 | 49.7 | 49.4 | 1.3 | 1.6 |
| Furniture and Homefurnishings Stores | 31.4 | 31.3 | 31.1 | .1 | .3 |
| Eating and Drinking Places | 325.0 | 323.4 | 323.1 | 1.6 | 1.9 |
| Miscellaneous Retail | 119.6 | 118.6 | 116.2 | 1.0 | 3.3 |
| Drug Stores and Proprietary Stores | 31.5 | 31.3 | 30.6 | .2 | .9 |
| Nonstore Retailers | 23.5 | 23.3 | 22.8 | .2 | .7 |
| Finance, Insurance, and Real Estate | 260.1 | 260.1 | 258.4 | -.1 | 1.6 |
| Finance | 122.1 | 122.0 | 122.1 | .0 | .0 |
| Depository Institutions | 90.1 | 90.2 | 90.8 | -.1 | -.7 |
| Commercial Banks | 65.1 | 65.0 | 64.7 | .1 | .3 |
| Insurance | 91.7 | 91.9 | 90.9 | -.2 | .8 |
| Insurance Carriers | 69.5 | 69.8 | 69.2 | -.3 | .3 |
| Life Insurance | 25.2 | 25.3 | 25.2 | -.1 | -.1 |
| Fire, Marine, and Casualty Insurance | 31.3 | 31.3 | 31.2 | .1 | .2 |
| Real Estate | 46.3 | 46.2 | 45.5 | .1 | .8 |
| Services | 1262.9 | 1259.9 | 1220.4 | 3.1 | 42.5 |
| Hotels and Other Lodging Places | 43.9 | 43.6 | 42.2 | .3 | 1.7 |
| Personal Services | 55.0 | 54.8 | 53.6 | .2 | 1.4 |
| Business Services | 236.5 | 234.5 | 225.5 | 2.0 | 11.0 |
| Services to Buildings | 35.5 | 35.4 | 34.8 | .1 | .8 |
| Personnel Supply Services | 84.0 | 82.1 | 80.3 | 1.9 | 3.6 |
| Computer and Data Processing Services | 30.1 | 30.0 | 28.3 | .0 | 1.8 |
| Amusements, Including Motion Pictures | 77.5 | 78.3 | 76.2 | -.8 | 1.3 |
| Health Services | 415.4 | 413.7 | 400.9 | 1.7 | 14.5 |
| Nursing and Personal Care Facilities | 89.4 | 88.7 | 86.7 | .7 | 2.7 |
| Hospitals | 197.4 | 197.0 | 192.1 | .4 | 5.3 |
| Legal Services | 30.7 | 30.8 | 29.7 | -.1 | .9 |
| Educational Services | 51.9 | 52.6 | 50.4 | -.7 | 1.5 |
| Colleges and Universities | 27.2 | 27.5 | 26.1 | -.3 | 1.1 |
| Social Services | 83.9 | 83.7 | 79.6 | .1 | 4.2 |
| Residential Care | 25.3 | 25.2 | 24.0 | .1 | 1.3 |
| Membership Organizations | 80.5 | 79.9 | 80.3 | .6 | .1 |
| Engineering and Management Services | 95.4 | 95.0 | 92.4 | .4 | 3.0 |
| Engineering and Architectural Services | 30.5 | 30.4 | 29.0 | .1 | 1.5 |
| Accounting, Auditing, and Bookkeeping | 21.8 | 21.7 | 21.1 | .1 | .8 |
| Research and Testing Services | 20.0 | 19.9 | 19.9 | .1 | .1 |
| Management and Public Relations | 23.1 | 23.0 | 22.4 | .1 | .7 |
| Government | 676.6 | 687.5 | 672.5 | -10.8 | 4.1 |
| Federal Government | 94.6 | 94.7 | 96.7 | -.1 | -2.1 |
| U.S. Postal Service | 33.0 | 33.0 | 33.7 | -.1 | -.8 |
| State Government | 145.9 | 145.9 | 144.1 | -.1 | 1.7 |
| State Government Hospitals | 15.3 | 15.1 | 15.8 | .3 | -.5 |
| State Government Education[h] | 66.7 | 67.3 | 64.3 | -.6 | 2.4 |
| Local Government | 436.2 | 446.8 | 431.7 | -10.6 | 4.5 |
| Local Government Hospitals | 14.8 | 14.8 | 14.3 | .0 | .5 |
| Local Government Education | 230.5 | 236.4 | 227.5 | -5.9 | 3.1 |

See footnotes on page 13.

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Ohio

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| **Goods-Producing Industries** | $570.57 | $567.84 | $556.14 | 41.8 | 41.6 | 42.1 | $13.65 | $13.65 | $13.21 |
| Mining | 605.44 | 600.37 | 624.06 | 44.0 | 43.6 | 44.8 | 13.76 | 13.77 | 13.93 |
| Coal Mining | 716.54 | 717.82 | 727.18 | 42.1 | 42.2 | 42.7 | 17.02 | 17.01 | 17.03 |
| Construction | 640.33 | 621.46 | 639.94 | 39.6 | 38.6 | 40.4 | 16.17 | 16.10 | 15.84 |
| General Building Contractors | 559.63 | 547.22 | 550.00 | 39.3 | 38.7 | 40.0 | 14.24 | 14.14 | 13.75 |
| Heavy Construction, Except Building | 743.04 | 689.63 | 716.53 | 43.2 | 40.4 | 43.4 | 17.20 | 17.07 | 16.51 |
| Special Trade Contractors | 639.81 | 627.89 | 650.77 | 38.8 | 38.1 | 39.9 | 16.49 | 16.48 | 16.31 |
| Manufacturing | 554.98 | 554.93 | 536.78 | 42.3 | 42.2 | 42.4 | 13.12 | 13.15 | 12.66 |
| Durable Goods[f] | 575.19 | 576.13 | 555.93 | 42.2 | 42.3 | 42.6 | 13.63 | 13.62 | 13.05 |
| Lumber and Wood Products | 338.70 | 340.17 | 318.27 | 39.8 | 40.4 | 39.1 | 8.51 | 8.42 | 8.14 |
| Millwork, Plywood and Structural Members | 411.94 | 403.26 | 369.56 | 43.0 | 42.9 | 41.9 | 9.58 | 9.40 | 8.82 |
| Furniture and Fixtures | 410.31 | 400.26 | 411.08 | 42.3 | 42.0 | 43.0 | 9.70 | 9.53 | 9.56 |
| Stone, Clay, and Glass Products | 512.56 | 505.41 | 495.20 | 43.0 | 42.4 | 42.8 | 11.92 | 11.92 | 11.57 |
| Primary Metal Industries | 670.32 | 677.47 | 649.82 | 44.1 | 44.6 | 44.6 | 15.20 | 15.19 | 14.57 |
| Blast Furnace and Basic Steel Products | 706.10 | 712.70 | 673.90 | 46.0 | 46.4 | 46.0 | 15.35 | 15.36 | 14.65 |
| Iron and Steel Foundries | 693.30 | 706.35 | 676.06 | 42.3 | 42.5 | 43.9 | 16.39 | 16.62 | 15.40 |
| Nonferrous Rolling and Drawing | 698.90 | 665.47 | 679.39 | 40.8 | 39.4 | 41.2 | 17.13 | 16.89 | 16.49 |
| Nonferrous Foundries | 478.29 | 502.98 | 474.90 | 44.7 | 46.4 | 44.3 | 10.70 | 10.84 | 10.72 |
| Fabricated Metal Products | 542.05 | 536.90 | 524.97 | 41.6 | 41.3 | 42.2 | 13.03 | 13.00 | 12.44 |
| Fabricated Structural Metal Products | 485.60 | 474.13 | 488.05 | 42.3 | 41.7 | 43.0 | 11.48 | 11.37 | 11.35 |
| Metal Forgings and Stampings | 674.75 | 675.12 | 655.12 | 41.6 | 41.7 | 43.1 | 16.22 | 16.19 | 15.20 |
| Industrial Machinery and Equipment | 551.62 | 545.62 | 546.08 | 42.4 | 42.1 | 43.1 | 13.01 | 12.96 | 12.67 |
| Construction and Related Machinery | 457.73 | 462.15 | 445.22 | 38.4 | 39.0 | 39.4 | 11.92 | 11.85 | 11.30 |
| Metalworking Machinery | 514.53 | 506.69 | 526.48 | 41.9 | 41.6 | 43.8 | 12.28 | 12.18 | 12.02 |
| Special Industry Machinery | 495.97 | 505.31 | 520.90 | 41.4 | 41.9 | 43.7 | 11.98 | 12.06 | 11.92 |
| General Industrial Machinery | 629.64 | 629.28 | 623.89 | 44.0 | 43.7 | 44.5 | 14.31 | 14.40 | 14.02 |
| Computer and Office Equipment | 539.95 | 518.18 | 479.76 | 43.3 | 42.3 | 41.9 | 12.47 | 12.25 | 11.45 |
| Refrigeration and Service Machinery | 627.37 | 587.97 | 592.04 | 43.0 | 41.7 | 41.0 | 14.59 | 14.10 | 14.44 |
| Electronic and Other Electric Equipment | 483.07 | 482.21 | 465.12 | 40.8 | 40.9 | 40.8 | 11.84 | 11.79 | 11.40 |
| Electrical Industrial Apparatus | 460.20 | 469.14 | 450.78 | 41.2 | 42.0 | 41.7 | 11.17 | 11.17 | 10.81 |
| Household Appliances | 476.24 | 481.93 | 486.40 | 39.1 | 39.6 | 40.0 | 12.18 | 12.17 | 12.16 |
| Electric Lighting and Wiring Equipment | 518.88 | 521.89 | 499.75 | 39.7 | 39.9 | 40.4 | 13.07 | 13.08 | 12.37 |
| Electronic Components and Accessories | 361.54 | 353.58 | 330.48 | 41.7 | 41.5 | 40.5 | 8.67 | 8.52 | 8.16 |
| Transportation Equipment | 737.02 | 754.70 | 706.55 | 42.8 | 43.7 | 43.4 | 17.22 | 17.27 | 16.28 |
| Motor Vehicles and Equipment | 754.51 | 773.90 | 726.52 | 42.7 | 43.6 | 43.4 | 17.67 | 17.75 | 16.74 |
| Aircraft and Parts | 695.27 | 710.53 | 669.48 | 43.7 | 44.8 | 43.9 | 15.91 | 15.86 | 15.25 |
| Instruments and Related Products | 398.33 | 389.71 | 396.00 | 39.4 | 38.7 | 40.0 | 10.11 | 10.07 | 9.90 |
| Measuring and Controlling Devices | 400.53 | 390.64 | 377.26 | 39.0 | 38.0 | 38.3 | 10.27 | 10.28 | 9.85 |
| Nondurable Goods[g] | 508.87 | 510.25 | 493.92 | 42.3 | 42.1 | 42.0 | 12.03 | 12.12 | 11.76 |
| Food and Kindred Products | 507.48 | 506.51 | 485.78 | 43.3 | 42.6 | 42.5 | 11.72 | 11.89 | 11.43 |
| Dairy Products | 494.28 | 491.42 | 485.90 | 42.5 | 42.4 | 43.0 | 11.63 | 11.59 | 11.30 |
| Preserved Fruits and Vegetables | 539.55 | 541.44 | 535.68 | 45.0 | 42.3 | 43.2 | 11.99 | 12.80 | 12.40 |
| Bakery Products | 492.09 | 494.91 | 497.73 | 38.9 | 39.0 | 40.4 | 12.65 | 12.69 | 12.32 |
| Apparel and Other Textile Products | 320.74 | 298.72 | 308.07 | 40.6 | 38.2 | 39.7 | 7.90 | 7.82 | 7.76 |
| Paper and Allied Products | 541.45 | 541.79 | 522.14 | 44.2 | 44.3 | 44.4 | 12.25 | 12.23 | 11.76 |
| Paperboard Containers and Boxes | 483.99 | 478.24 | 464.98 | 44.2 | 44.2 | 44.2 | 10.95 | 10.82 | 10.52 |
| Miscellaneous Converted Paper Products | 493.91 | 496.35 | 489.95 | 42.8 | 42.9 | 44.1 | 11.54 | 11.57 | 11.11 |
| Printing and Publishing | 481.20 | 488.03 | 472.03 | 40.1 | 40.3 | 39.8 | 12.00 | 12.11 | 11.86 |
| Newspapers | 389.87 | 381.42 | 377.42 | 32.9 | 32.6 | 33.4 | 11.85 | 11.70 | 11.30 |
| Commercial Printing | 488.14 | 499.65 | 475.86 | 42.3 | 42.2 | 41.2 | 11.54 | 11.84 | 11.55 |
| Chemicals and Allied Products | 605.23 | 610.31 | 612.58 | 43.2 | 43.5 | 43.2 | 14.01 | 14.03 | 14.18 |
| Plastics Materials and Synthetics | 692.09 | 700.21 | 675.12 | 43.5 | 43.9 | 43.5 | 15.91 | 15.95 | 15.52 |
| Rubber and Miscellaneous Plastics Products | 470.12 | 473.05 | 452.19 | 41.9 | 41.9 | 41.6 | 11.22 | 11.29 | 10.87 |
| Tires and Inner Tubes | 752.58 | 705.11 | 712.36 | 44.4 | 42.4 | 44.0 | 16.95 | 16.63 | 16.19 |
| Miscellaneous Plastics Products | 456.71 | 463.41 | 436.13 | 41.9 | 41.9 | 41.3 | 10.90 | 11.06 | 10.56 |
| **Service-Producing Industries** | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 661.95 | 661.15 | 620.26 | 42.9 | 43.1 | 41.6 | 15.43 | 15.34 | 14.91 |
| Communications | 650.59 | 649.20 | 572.57 | 43.2 | 43.6 | 39.9 | 15.06 | 14.89 | 14.35 |
| Electric, Gas, and Sanitary Services | 674.48 | 676.49 | 674.25 | 42.5 | 42.6 | 43.5 | 15.87 | 15.88 | 15.50 |
| Wholesale Trade | 430.10 | 428.22 | 419.15 | 39.1 | 39.0 | 39.1 | 11.00 | 10.98 | 10.72 |
| Wholesale Trade-Durable Goods | 428.67 | 424.24 | 416.58 | 39.4 | 39.1 | 39.3 | 10.88 | 10.85 | 10.60 |
| Motor Vehicles, Parts, and Supplies | 366.37 | 360.52 | 345.77 | 39.1 | 38.6 | 37.3 | 9.37 | 9.34 | 9.27 |
| Metals and Minerals, Except Petroleum | 515.66 | 495.23 | 474.03 | 43.7 | 42.4 | 42.4 | 11.80 | 11.68 | 11.18 |
| Wholesale Trade-Nondurable Goods | 430.82 | 434.17 | 424.38 | 38.5 | 38.8 | 38.8 | 11.19 | 11.19 | 10.93 |

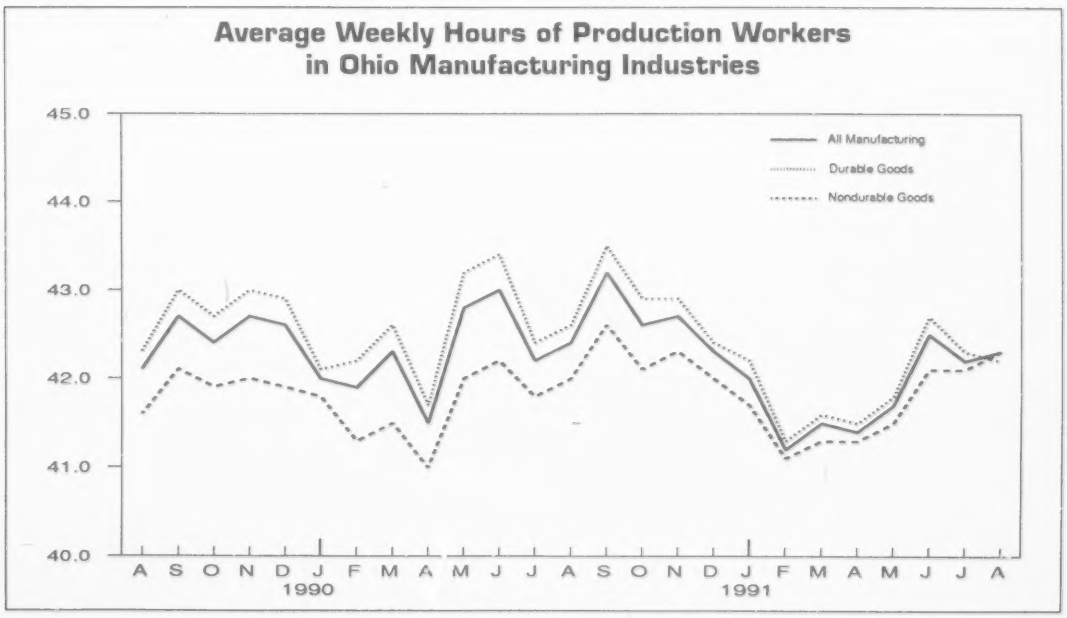
See footnotes on page 13.

## Hours and Earnings of Production or Nonsupervisory Workers[a]

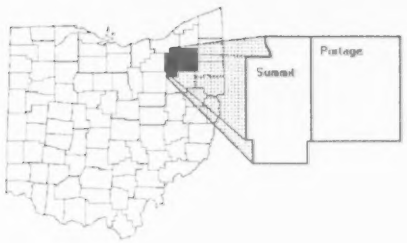
Not Seasonally Adjusted

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Retail Trade[i] | $185.92 | $189.81 | $180.20 | 28.0 | 28.5 | 28.2 | $ 6.64 | $ 6.66 | $ 6.39 |
| General Merchandise Stores | 204.34 | 212.59 | 194.87 | 28.7 | 29.9 | 28.7 | 7.12 | 7.11 | 6.79 |
| Department Stores | 211.27 | 219.98 | 198.72 | 29.1 | 30.3 | 28.8 | 7.26 | 7.26 | 6.90 |
| Finance, Insurance, and Real Estate | 364.93 | 364.74 | 350.07 | .... | .... | .... | ..... | ..... | ..... |
| Finance | 340.14 | 340.88 | 323.64 | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 283.09 | 285.39 | 275.87 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 272.86 | 273.24 | 270.67 | .... | .... | .... | ..... | ..... | ..... |
| Insurance | 434.16 | 434.91 | 417.21 | .... | .... | .... | ..... | ..... | ..... |
| Insurance Carriers | 426.12 | 424.83 | 404.00 | .... | .... | .... | ..... | ..... | ..... |
| Life Insurance | 400.30 | 399.80 | 374.96 | .... | .... | .... | ..... | ..... | ..... |
| Fire, Marine, and Casualty Insurance | 465.41 | 462.73 | 437.14 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Business Services | 262.73 | 260.90 | 251.13 | 32.8 | 32.9 | 33.0 | 8.01 | 7.93 | 7.61 |
| Health Services | 329.18 | 329.49 | 317.05 | 31.5 | 31.5 | 31.8 | 10.45 | 10.46 | 9.97 |
| Nursing and Personal Care Facilities | 226.49 | 230.48 | 213.41 | 31.9 | 32.1 | 31.9 | 7.10 | 7.18 | 6.69 |
| Hospitals | 383.72 | 383.82 | 372.94 | 32.3 | 32.2 | 32.6 | 11.88 | 11.92 | 11.44 |
| Engineering and Management Services | 524.89 | 518.36 | 482.20 | 36.1 | 35.7 | 35.3 | 14.54 | 14.52 | 13.66 |
| Engineering and Architectural Services | 719.29 | 713.78 | 662.83 | 34.9 | 34.7 | 32.7 | 20.61 | 20.57 | 20.27 |
| Research and Testing Services | 426.34 | 418.66 | 402.84 | 36.1 | 35.3 | 37.3 | 11.81 | 11.86 | 10.80 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Includes miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [l]Money payments only; tips not included. [l]Depressed due to labor-management disputes.



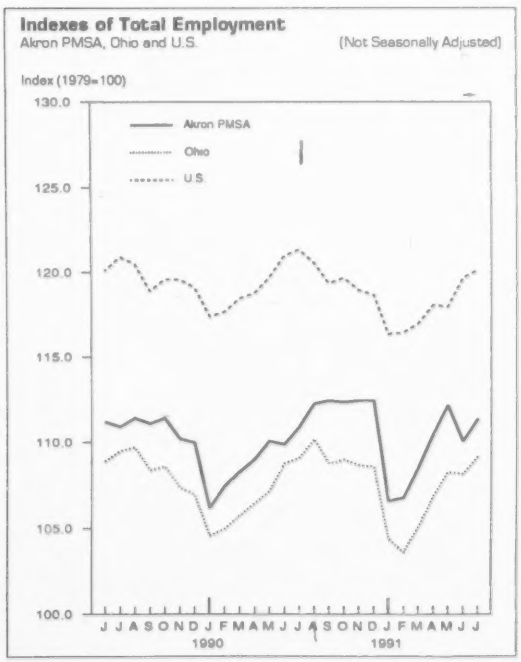
# Akron
## Primary Metropolitan Statistical Area

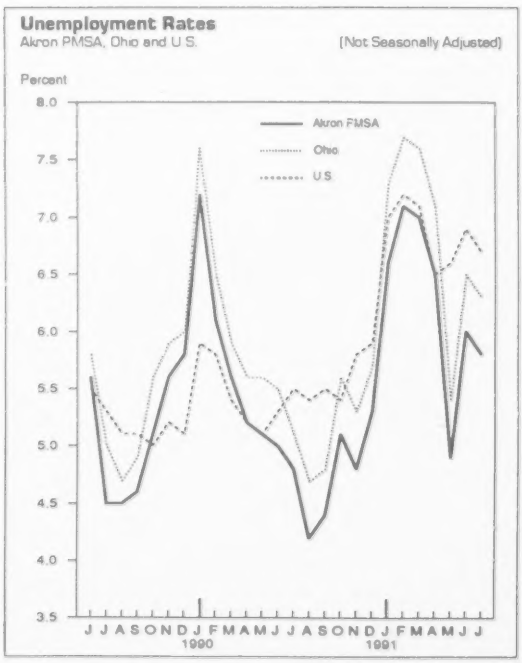



Nonagricultural payroll employment in the Akron metropolitan area increased 700 above the July level to 287,200 in August 1991. The partial return of nonteaching personnel in state schools and colleges added 400 jobs in the service-producing sector. Nominal gains in construction and manufacturing raised employment in goods-producing industries 300 over the month to 78,200. Factory production workers averaged $12.11 per hour, down 6 cents from July. Their average workweek was unchanged at 42.5 hours.

Nonfarm wage and salary employment advanced 2,000 between August 1990 and August 1991. Employment in service-producing industries rose 3,100 due to expansion in services, especially health services. Modest declines were posted in retail trade and wholesale trade. Over-the-year reductions in manufacturing lowered the workforce in goods-producing industries 1,100. Cutbacks in industrial machinery and equipment, fabricated metal products, and rubber and miscellaneous plastics products outweighed an improvement in food and kindred products.

Seasonally adjusted employment in the Akron area totaled 289,000 in August 1991, up 1,000 from July, due to scattered gains in service-producing industries. Since August 1990, nonfarm payroll employment advanced 2,000. Growth in services more than offset a decrease in manufacturing.



## Akron PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 304.5 | 278.3 | 26.2 | 8.6 | 1980 | 262.4 | 79.1 | 47.5 | $361.88 | 41.5 | $ 8.72 |
| 304.1 | 274.9 | 29.1 | 9.6 | 1981 | 259.5 | 75.7 | 43.7 | 397.10 | 41.8 | 9.50 |
| 303.9 | 268.0 | 35.9 | 11.8 | 1982 | 248.8 | 68.3 | 36.9 | 403.03 | 41.0 | 9.83 |
| 302.5 | 265.2 | 37.3 | 12.3 | 1983 | 244.7 | 65.2 | 33.4 | 452.12 | 43.1 | 10.49 |
| 316.5 | 285.8 | 30.6 | 9.7 | 1984 | 252.2 | 67.9 | 38.0 | 470.65 | 43.7 | 10.77 |
| 317.8 | 289.9 | 28.0 | 8.8 | 1985 | 257.6 | 68.1 | 37.3 | 475.20 | 43.2 | 11.00 |
| 320.4 | 294.8 | 25.6 | 8.0 | 1986 | 260.7 | 67.2 | 36.4 | 484.70 | 43.2 | 11.22 |
| 320.3 | 297.5 | 22.7 | 7.1 | 1987 | 265.1 | 66.4 | 36.5 | 487.03 | 43.1 | 11.30 |
| 324.9 | 305.2 | 19.7 | 6.1 | 1988 | 272.7 | 66.2 | 37.7 | 502.28 | 43.3 | 11.60 |
| 331.6 | 313.7 | 17.8 | 5.4 | 1989 | 281.0 | 67.3 | 39.3 | 495.75 | 42.7 | 11.61 |
| 332.3 | 314.9 | 17.3 | 5.2 | 1990 | 285.9 | 67.0 | 38.2 | 510.60 | 42.8 | 11.93 |
| | | | | 1990 | | | | | | |
| 334.4 | 320.5 | 13.9 | 4.2 | August | 285.2 | 67.0 | 38.1 | 529.40 | 43.5 | 12.17 |
| 335.8 | 321.1 | 14.7 | 4.4 | September | 292.1 | 67.7 | 38.7 | 529.91 | 43.4 | 12.21 |
| 337.9 | 320.8 | 17.1 | 5.1 | October | 291.7 | 68.3 | 39.3 | 519.16 | 42.8 | 12.13 |
| 337.5 | 321.2 | 16.3 | 4.8 | November | 292.3 | 68.0 | 39.1 | 515.81 | 43.2 | 11.94 |
| 339.2 | 321.1 | 18.1 | 5.3 | December | 292.0 | 68.0 | 39.1 | 515.66 | 42.9 | 12.02 |
| | | | | 1991 | | | | | | |
| 326.0 | 304.3 | 21.6 | 6.6 | January | 279.7 | 67.3 | 38.6 | 507.03 | 42.5 | 11.93 |
| 328.0 | 304.7 | 23.3 | 7.1 | February | 282.0 | 65.6 | 36.8 | 484.38 | 41.4 | 11.70 |
| 333.1 | 309.7 | 23.4 | 7.0 | March | 285.0 | 66.3 | 37.6 | 489.70 | 41.5 | 11.80 |
| 337.4 | 315.3 | 22.1 | 6.5 | April | 288.1 | 66.2 | 37.4 | 493.44 | 41.5 | 11.89 |
| 337.0 | 320.3 | 16.7 | 4.9 | May | 292.2 | 66.5 | 37.9 | 504.78 | 42.1 | 11.99 |
| 334.4 | 314.2 | 20.2 | 6.0 | June | 286.8 | 66.7 | 38.1 | 517.52 | 42.7 | 12.12 |
| 337.5 | 317.9 | 19.6 | 5.8 | July | 286.5 | 66.0 | 37.5 | 517.23 | 42.5 | 12.17 |
| INA | INA | INA | INA | August | 287.2 | 66.1 | 37.6 | 514.68 | 42.5 | 12.11 |

INA – Information not available

## Akron PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 262 | 88 | 8 | 79 | 1980 | 175 | 14 | 12 | 45 | 9 | 50 | 44 |
| 260 | 84 | 8 | 76 | 1981 | 175 | 14 | 13 | 45 | 9 | 52 | 42 |
| 249 | 76 | 7 | 68 | 1982 | 173 | 13 | 12 | 45 | 9 | 52 | 41 |
| 245 | 73 | 7 | 65 | 1983 | 172 | 13 | 12 | 45 | 9 | 52 | 41 |
| 252 | 76 | 8 | 68 | 1984 | 176 | 13 | 13 | 47 | 9 | 53 | 41 |
| 258 | 77 | 8 | 68 | 1985 | 180 | 13 | 13 | 49 | 10 | 54 | 42 |
| 261 | 76 | 9 | 67 | 1986 | 184 | 13 | 14 | 50 | 10 | 56 | 42 |
| 265 | 76 | 9 | 66 | 1987 | 189 | 13 | 14 | 52 | 11 | 58 | 42 |
| 273 | 76 | 10 | 66 | 1988 | 196 | 13 | 15 | 53 | 11 | 62 | 43 |
| 281 | 78 | 10 | 67 | 1989 | 203 | 13 | 15 | 55 | 10 | 66 | 44 |
| 286 | 78 | 11 | 67 | 1990 | 208 | 14 | 15 | 54 | 11 | 69 | 45 |
| | | | | 1990 | | | | | | | |
| 287 | 78 | 10 | 67 | August | 209 | 14 | 15 | 54 | 11 | 70 | 45 |
| 287 | 78 | 10 | 67 | September | 209 | 14 | 15 | 54 | 11 | 70 | 45 |
| 287 | 79 | 10 | 68 | October | 209 | 14 | 15 | 54 | 11 | 70 | 45 |
| 288 | 79 | 10 | 68 | November | 210 | 14 | 15 | 54 | 11 | 71 | 45 |
| 289 | 79 | 11 | 68 | December | 210 | 14 | 15 | 55 | 11 | 71 | 45 |
| | | | | 1991 | | | | | | | |
| 289 | 79 | 10 | 68 | January | 209 | 14 | 15 | 54 | 11 | 71 | 45 |
| 287 | 77 | 10 | 66 | February | 210 | 14 | 15 | 54 | 11 | 71 | 45 |
| 288 | 78 | 10 | 67 | March | 210 | 14 | 15 | 54 | 11 | 71 | 45 |
| 288 | 77 | 10 | 66 | April | 211 | 14 | 15 | 54 | 11 | 72 | 45 |
| 289 | 77 | 10 | 66 | May | 211 | 14 | 15 | 54 | 11 | 72 | 46 |
| 287 | 77 | 10 | 66 | June | 209 | 14 | 15 | 54 | 11 | 73 | 43 |
| 288 | 77 | 10 | 66 | July | 211 | 14 | 15 | 54 | 11 | 73 | 45 |
| 289 | 77 | 10 | 66 | August | 212 | 14 | 15 | 54 | 11 | 73 | 45 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Akron PMSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 287.2 | 286.5 | 285.2 | .7 | 2.0 |
| **Goods-Producing Industries**[e] | 78.2 | 77.9 | 79.2 | .3 | -1.1 |
| Construction | 11.5 | 11.4 | 11.5 | .1 | .0 |
| Manufacturing | 66.1 | 66.0 | 67.0 | .1 | -1.0 |
| Durable Goods[f] | 33.2 | 33.2 | 34.6 | .0 | -1.4 |
| Fabricated Metal Products | 10.1 | 10.0 | 10.7 | .1 | -.5 |
| Fabricated Structural Metal Products | 4.2 | 4.2 | 4.7 | .0 | -.5 |
| Industrial Machinery and Equipment | 8.9 | 9.0 | 10.1 | -.1 | -1.2 |
| Metalworking Machinery | 4.1 | 4.1 | 4.0 | -.1 | .0 |
| Electronic and Other Electric Equipment | 2.5 | 2.5 | 2.5 | .0 | .0 |
| Transportation Equipment | 4.8 | 4.8 | 4.8 | .0 | -.1 |
| Nondurable Goods[g] | 32.9 | 32.8 | 32.5 | .1 | .4 |
| Food and Kindred Products | 3.5 | 3.5 | 3.2 | .0 | .3 |
| Chemicals and Allied Products | 3.6 | 3.6 | 3.5 | .0 | .1 |
| Rubber and Miscellaneous Plastics Products | 19.1 | 19.1 | 19.4 | .0 | -.3 |
| Tires and Inner Tubes | 10.1 | 10.1 | 10.3 | -.1 | -.2 |
| **Service-Producing Industries** | 209.0 | 208.6 | 205.9 | .4 | 3.1 |
| Transportation and Public Utilities | 14.0 | 13.9 | 14.0 | .1 | .0 |
| Communications, Electric, Gas Services | 5.5 | 5.5 | 5.5 | .0 | .0 |
| Wholesale Trade | 14.8 | 14.8 | 15.0 | -.1 | -.3 |
| Retail Trade | 54.1 | 54.2 | 54.5 | .0 | -.4 |
| General Merchandise Stores | 5.5 | 5.6 | 6.3 | -.1 | -.8 |
| Food Stores | 9.0 | 9.0 | 9.0 | .0 | .0 |
| Finance, Insurance, and Real Estate | 11.0 | 10.9 | 11.0 | .1 | .0 |
| Finance | 5.4 | 5.4 | 5.4 | .0 | .0 |
| Services | 75.5 | 75.6 | 71.8 | -.1 | 3.8 |
| Business Services | 12.6 | 12.6 | 11.9 | .0 | .7 |
| Personnel Supply Services | 3.6 | 3.6 | 3.4 | .1 | .2 |
| Amusements, Including Motion Pictures | 7.7 | 8.0 | 7.3 | -.2 | .4 |
| Health Services | 23.9 | 23.8 | 22.7 | .1 | 1.3 |
| Nursing and Personal Care Facilities | 4.1 | 4.0 | 3.7 | .1 | .3 |
| Hospitals | 11.8 | 11.8 | 11.3 | .0 | .5 |
| Social Services | 5.6 | 5.6 | 5.2 | .0 | .4 |
| Engineering and Management Services | 5.6 | 5.5 | 5.1 | .1 | .5 |
| Government | 39.6 | 39.2 | 39.7 | .4 | .0 |
| Federal Government | 2.5 | 2.5 | 2.6 | .0 | -.1 |
| State Government | 11.9 | 11.4 | 12.1 | .5 | -.2 |
| State Government Education[h] | 9.0 | 8.5 | 9.1 | .6 | -.1 |
| Local Government | 25.2 | 25.3 | 25.0 | -.1 | .2 |
| Local Government Education | 12.3 | 12.3 | 12.3 | .1 | .0 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

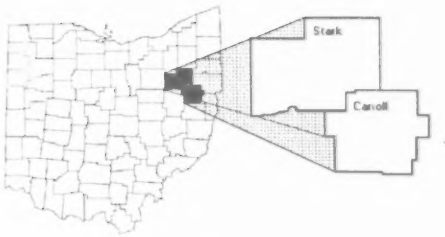
Not Seasonally Adjusted

Akron PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $514.68 | $517.23 | $529.40 | 42.5 | 42.5 | 43.5 | $12.11 | $12.17 | $12.17 |
| Durable Goods[f] | 517.28 | 513.95 | 547.28 | 42.4 | 42.3 | 44.1 | 12.20 | 12.15 | 12.41 |
| Fabricated Metal Products | 626.65 | 623.73 | 701.66 | 41.2 | 40.9 | 45.8 | 15.21 | 15.25 | 15.32 |
| Fabricated Structural Metal Products | 498.84 | 484.90 | 549.77 | 40.1 | 39.2 | 45.7 | 12.44 | 12.37 | 12.03 |
| Industrial Machinery and Equipment | 492.59 | 505.05 | 492.38 | 44.7 | 45.5 | 44.6 | 11.02 | 11.10 | 11.04 |
| Metalworking Machinery | 526.44 | 538.49 | 533.57 | 44.5 | 45.1 | 45.8 | 11.83 | 11.94 | 11.65 |
| Electronic and Other Electric Equipment | 429.68 | 448.38 | 437.02 | 41.0 | 42.3 | 41.9 | 10.48 | 10.60 | 10.43 |
| Transportation Equipment | 624.14 | 616.35 | 614.80 | 42.2 | 41.9 | 42.4 | 14.79 | 14.71 | 14.50 |
| Nondurable Goods[g] | 512.40 | 520.51 | 505.14 | 42.7 | 42.7 | 42.7 | 12.00 | 12.19 | 11.83 |
| Food and Kindred Products | 360.69 | 366.66 | 392.24 | 37.3 | 37.3 | 39.7 | 9.67 | 9.83 | 9.88 |
| Chemicals and Allied Products | 544.74 | 575.05 | 562.72 | 42.0 | 43.4 | 44.1 | 12.97 | 13.25 | 12.76 |
| Rubber and Miscellaneous Plastics Products | 536.47 | 540.7[r] | 523.03 | 44.3 | 44.0 | 44.1 | 12.11 | 12.29 | 11.86 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 657.28 | 651.02 | 589.11 | 43.1 | 43.2 | 40.6 | 15.25 | 15.07 | 14.51 |
| Wholesale Trade | 390.26 | 378.75 | 365.27 | 38.0 | 37.5 | 36.6 | 10.27 | 10.10 | 9.98 |
| Retail Trade[i] | 226.41 | 227.65 | 222.17 | 31.1 | 31.4 | 30.9 | 7.28 | 7.25 | 7.19 |
| General Merchandise Stores | 192.09 | 199.73 | 201.60 | 28.5 | 29.2 | 30.0 | 6.74 | 6.84 | 6.72 |
| Food Stores | 328.52 | 337.43 | 314.16 | 38.2 | 39.1 | 37.4 | 8.60 | 8.63 | 8.40 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 303.79 | 306.19 | 283.78 | .... | .... | .... | ..... | ..... | ..... |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [r]Depressed due to labor-management disputes.

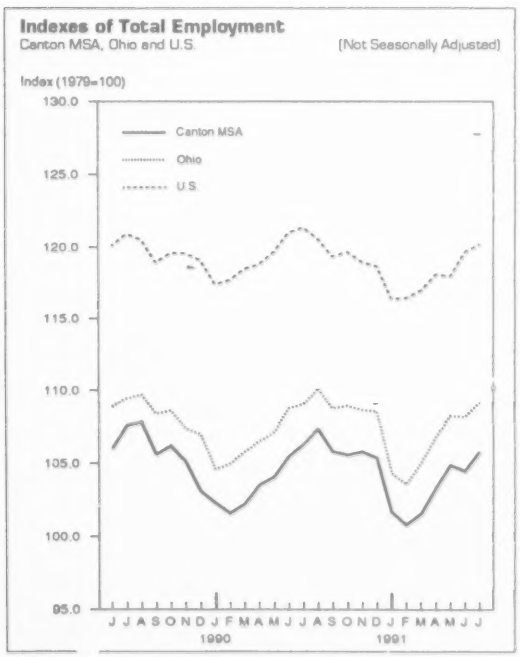
# Canton Metropolitan Statistical Area

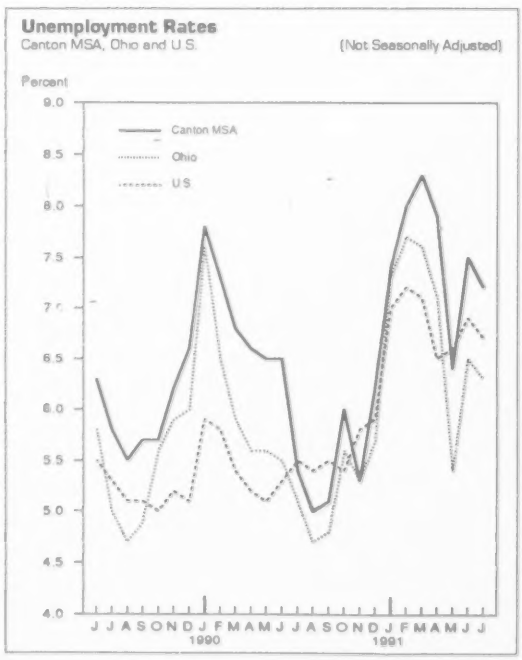



Nonfarm wage and salary employment in the Canton metropolitan area totaled 167,000 in August 1991, unchanged from July. Scattered gains among manufacturers of durable and nondurable goods raised employment in goods-producing industries 100 over the month to 52,200. The number of jobs in service-producing industries decreased 100. Lowered employment in local government, finance, insurance, and real estate, and services negated nominal increases in retail trade. Manufacturing production workers averaged $11.35 per hour, up 15 cents from July. Their average workweek of 41.9 hours was 0.9 hours longer.

Nonagricultural payroll employment declined 500 between August 1990 and August 1991. Significant cutbacks in manufacturing, particularly rubber and miscellaneous plastics products (-1,100), reduced employment in goods-producing industries 1,900. Modest declines were posted in fabricated metal products and electronic and other electric equipment. Expansion in services added 1,400 jobs in the service-producing sector.

Seasonally adjusted employment in the Canton area was little changed from July at 166,000 in August 1991. Since August 1990, nonfarm payroll employment dropped 1,000. Reductions in manufacturing and government negated growth in services and construction.



## Canton MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 187.7 | 170.9 | 16.8 | 8.9 | 1980 | 157.1 | 55.7 | 40.1 | $342.81 | 39.0 | $ 8.79 |
| 188.4 | 170.1 | 18.2 | 9.7 | 1981 | 156.6 | 54.8 | 39.6 | 390.40 | 40.0 | 9.76 |
| 191.4 | 164.3 | 27.0 | 14.1 | 1982 | 148.6 | 47.6 | 33.3 | 394.49 | 38.6 | 10.22 |
| 187.0 | 159.5 | 27.5 | 14.7 | 1983 | 143.4 | 43.5 | 30.6 | 422.14 | 39.6 | 10.66 |
| 188.1 | 168.1 | 19.9 | 10.6 | 1984 | 149.1 | 46.4 | 33.6 | 437.53 | 40.4 | 10.83 |
| 189.5 | 169.5 | 20.0 | 10.6 | 1985 | 151.5 | 46.2 | 33.8 | 435.81 | 39.8 | 10.95 |
| 190.5 | 171.2 | 19.4 | 10.2 | 1986 | 151.9 | 43.7 | 31.0 | 451.76 | 40.3 | 11.21 |
| 190.4 | 174.7 | 15.7 | 8.2 | 1987 | 156.4 | 44.0 | 31.2 | 475.15 | 41.9 | 11.34 |
| 190.5 | 178.0 | 12.6 | 6.6 | 1988 | 160.1 | 45.3 | 32.4 | 462.21* | 42.6* | 10.85* |
| 194.3 | 182.5 | 11.8 | 6.1 | 1989 | 164.5 | 45.7 | 32.6 | 466.91 | 41.8 | 11.17 |
| 193.8 | 181.8 | 12.0 | 6.2 | 1990 | 166.0 | 44.8 | 31.3 | 481.37 | 42.3 | 11.38 |
| | | | | 1990 | | | | | | |
| 196.4 | 186.5 | 9.9 | 5.0 | August | 167.4 | 45.1 | 31.4 | 484.08 | 42.5 | 11.39 |
| 193.6 | 183.8 | 9.8 | 5.1 | September | 168.2 | 45.5 | 32.0 | 491.63 | 42.9 | 11.46 |
| 195.0 | 183.4 | 11.6 | 6.0 | October | 167.9 | 44.8 | 31.4 | 485.60 | 42.3 | 11.48 |
| 194.1 | 183.8 | 10.3 | 5.3 | November | 168.2 | 44.9 | 31.4 | 484.34 | 42.3 | 11.45 |
| 195.3 | 183.1 | 12.2 | 6.2 | December | 167.5 | 44.4 | 31.0 | 473.30 | 41.7 | 11.35 |
| | | | | 1991 | | | | | | |
| 190.8 | 176.6 | 14.1 | 7.4 | January | 163.8 | 44.2 | 30.7 | 473.05 | 41.9 | 11.29 |
| 190.3 | 175.1 | 15.2 | 8.0 | February | 162.7 | 43.5 | 30.1 | 466.46 | 41.5 | 11.24 |
| 192.5 | 176.5 | 16.0 | 8.3 | March | 163.2 | 43.2 | 29.9 | 470.25 | 41.8 | 11.25 |
| 194.9 | 179.5 | 15.4 | 7.9 | April | 164.9 | 43.1 | 29.7 | 466.46 | 41.5 | 11.24 |
| 194.5 | 182.2 | 12.4 | 6.4 | May | 167.1 | 43.6 | 30.1 | 463.71 | 41.0 | 11.31 |
| 196.3 | 181.6 | 14.6 | 7.5 | June | 167.5 | 43.6 | 30.1 | 472.69 | 41.5 | 11.39 |
| 198.0 | 183.7 | 14.3 | 7.2 | July | 166.9 | 42.9 | 29.6 | 459.20 | 41.0 | 11.20 |
| INA | INA | INA | INA | August | 167.0 | 43.1 | 29.7 | 475.57 | 41.9 | 11.35 |

INA – Information not available

*Not comparable to previous estimates due to change in estimating methodology.

## Canton MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 157 | 62 | 5 | 56 | 1980 | 95 | 7 | 7 | 26 | 6 | 29 | 19 |
| 157 | 61 | 5 | 55 | 1981 | 95 | 7 | 8 | 26 | 6 | 30 | 19 |
| 149 | 54 | 5 | 48 | 1982 | 95 | 6 | 8 | 26 | 6 | 30 | 18 |
| 143 | 49 | 4 | 44 | 1983 | 94 | 6 | 7 | 26 | 6 | 31 | 18 |
| 149 | 53 | 5 | 46 | 1984 | 97 | 6 | 8 | 27 | 6 | 31 | 18 |
| 151 | 53 | 5 | 46 | 1985 | 99 | 6 | 8 | 29 | 6 | 32 | 18 |
| 152 | 50 | 5 | 44 | 1986 | 102 | 6 | 8 | 30 | 6 | 33 | 18 |
| 156 | 51 | 6 | 44 | 1987 | 106 | 6 | 8 | 31 | 7 | 36 | 18 |
| 160 | 52 | 6 | 45 | 1988 | 108 | 6 | 8 | 32 | 7 | 37 | 19 |
| 164 | 54 | 7 | 46 | 1989 | 111 | 6 | 9 | 33 | 7 | 38 | 19 |
| 166 | 53 | 8 | 45 | 1990 | 113 | 6 | 9 | 33 | 7 | 40 | 19 |
| | | | | 1990 | | | | | | | |
| 167 | 53 | 7 | 45 | August | 114 | 6 | 9 | 33 | 7 | 40 | 20 |
| 167 | 53 | 7 | 45 | September | 113 | 6 | 9 | 33 | 7 | 40 | 20 |
| 166 | 53 | 7 | 45 | October | 113 | 6 | 9 | 33 | 7 | 40 | 19 |
| 166 | 53 | 7 | 45 | November | 113 | 6 | 9 | 32 | 7 | 40 | 19 |
| 166 | 53 | 7 | 44 | December | 114 | 6 | 9 | 32 | 7 | 41 | 19 |
| | | | | 1991 | | | | | | | |
| 167 | 53 | 8 | 45 | January | 114 | 6 | 9 | 33 | 7 | 40 | 20 |
| 167 | 52 | 8 | 44 | February | 114 | 6 | 9 | 33 | 7 | 41 | 20 |
| 166 | 52 | 8 | 44 | March | 114 | 6 | 9 | 33 | 7 | 41 | 19 |
| 166 | 52 | 8 | 43 | April | 114 | 6 | 9 | 32 | 7 | 41 | 19 |
| 166 | 52 | 8 | 44 | May | 114 | 6 | 9 | 32 | 7 | 41 | 19 |
| 166 | 52 | 8 | 43 | June | 114 | 6 | 9 | 33 | 7 | 41 | 19 |
| 166 | 51 | 8 | 43 | July | 115 | 6 | 9 | 33 | 7 | 42 | 19 |
| 166 | 51 | 8 | 43 | August | 115 | 6 | 9 | 33 | 7 | 42 | 19 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Canton MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug 1991[b] | Jul 1991[c] | Aug 1990[c] | From Last Month | From Last Year |
| **Total** | 167.0 | 166.9 | 167.4 | 0 | -.5 |
| **Goods-Producing Industries[e]** | 52.2 | 52.1 | 54.1 | .1 | -1.9 |
| Construction | 8.4 | 8.4 | 8.3 | 0 | .1 |
| Manufacturing | 43.1 | 42.9 | 45.1 | .1 | -2.0 |
| Durable Goods[f] | 32.9 | 32.8 | 33.7 | .1 | -.8 |
| Primary Metal Industries | 11.7 | 11.7 | 11.8 | 0 | -.1 |
| Fabricated Metal Products | 5.3 | 5.3 | 5.7 | 0 | -.4 |
| Electronic and Other Electric Equipment | 3.8 | 3.9 | 4.1 | 0 | -.2 |
| Nondurable Goods[g] | 10.2 | 10.1 | 11.4 | .1 | -1.1 |
| Food and Kindred Products | 3.1 | 3.1 | 3.1 | 0 | .1 |
| Rubber and Miscellaneous Plastics Products | 1.7 | 1.7 | 2.8 | 0 | -1.1 |
| **Service-Producing Industries** | 114.7 | 114.8 | 113.3 | -.1 | 1.4 |
| Transportation and Public Utilities | 5.8 | 5.8 | 5.7 | 0 | .1 |
| Communications, Electric, Gas Services | 2.8 | 2.8 | 2.8 | 0 | .0 |
| Wholesale Trade | 9.0 | 9.1 | 9.0 | 0 | .0 |
| Retail Trade | 33.2 | 32.7 | 33.0 | .4 | .2 |
| General Merchandise Stores | 3.6 | 3.6 | 3.8 | 0 | -.2 |
| Food Stores | 5.7 | 5.5 | 5.6 | .1 | .0 |
| Finance, Insurance, and Real Estate | 6.6 | 6.8 | 6.9 | -.1 | -.2 |
| Finance | 3.8 | 3.9 | 4.0 | -.1 | -.2 |
| Services | 41.8 | 41.9 | 40.2 | -.1 | 1.6 |
| Health Services | 16.6 | 16.6 | 16.1 | .0 | .5 |
| Nursing and Personal Care Facilities | 3.9 | 3.9 | 3.9 | .0 | .0 |
| Hospitals | 7.7 | 7.7 | 7.5 | .0 | .2 |
| Government | 18.2 | 18.5 | 18.5 | -.3 | -.3 |
| Federal Government | 1.5 | 1.5 | 1.5 | 0 | -.1 |
| State Government (Includes Education) | 1.6 | 1.6 | 1.7 | .0 | -.1 |
| Local Government | 15.1 | 15.4 | 15.3 | -.3 | -.1 |
| Local Government Education | 8.5 | 8.5 | 8.5 | .0 | .0 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

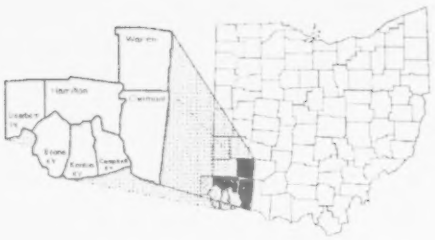
Not Seasonally Adjusted

Canton MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $475.57 | $459.20 | $484.08 | 41.9 | 41.0 | 42.5 | $11.35 | $11.20 | $11.39 |
| Durable Goods[f] | 491.18 | 472.58 | 501.98 | 42.6 | 41.6 | 43.2 | 11.53 | 11.36 | 11.62 |
| Primary Metal Industries | 520.47 | 521.22 | 558.30 | 43.3 | 43.8 | 45.8 | 12.02 | 11.90 | 12.19 |
| Fabricated Metal Products | 461.30 | 441.14 | 441.69 | 40.5 | 39.6 | 40.3 | 11.39 | 11.14 | 10.96 |
| Electronic and Other Electric Equipment | 580.65 | 568.58 | 548.26 | 40.1 | 39.9 | 39.5 | 14.48 | 14.25 | 13.88 |
| Nondurable Goods[g] | 424.91 | 411.28 | 431.98 | 39.6 | 38.8 | 40.6 | 10.73 | 10.60 | 10.64 |
| Food and Kindred Products | 424.08 | 423.06 | 459.20 | 38.8 | 38.6 | 41.0 | 10.93 | 10.96 | 11.20 |
| Rubber and Miscellaneous Plastics Products | 383.76 | 383.64 | 385.31 | 41.0 | 40.9 | 39.6 | 9.36 | 9.38 | 9.73 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 664.42 | 642.00 | 587.82 | 43.2 | 42.8 | 40.4 | 15.38 | 15.00 | 14.55 |
| Wholesale Trade | 396.98 | 386.28 | 388.16 | 39.5 | 38.9 | 38.7 | 10.05 | 9.93 | 10.03 |
| Retail Trade[i] | 179.20 | 182.09 | 175.69 | 27.4 | 27.8 | 28.2 | 6.54 | 6.55 | 6.23 |
| General Merchandise Stores | 199.04 | 208.49 | 196.04 | 29.1 | 29.7 | 29.0 | 6.84 | 7.02 | 6.76 |
| Food Stores | 177.03 | 185.71 | 164.67 | 28.1 | 29.2 | 28.1 | 6.30 | 6.36 | 5.86 |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Nursing and Personal Care Facilities | 203.38 | 208.08 | 188.63 | 30.4 | 30.6 | 29.8 | 6.69 | 6.80 | 6.33 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; industrial machinery and equipment; transportation equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

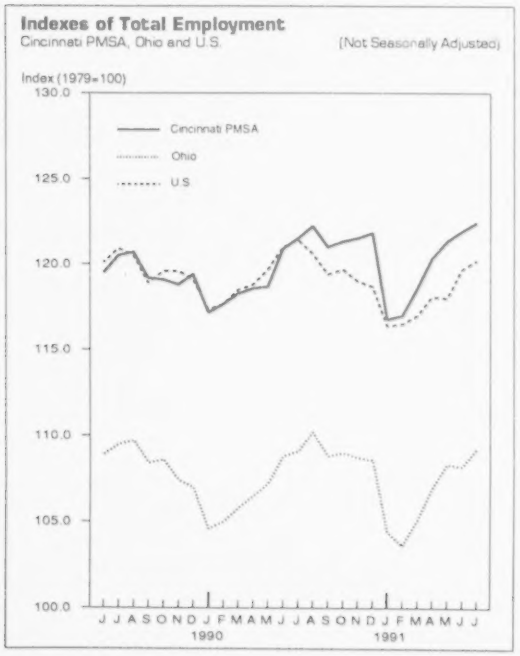
# Cincinnati Primary Metropolitan Statistical Area

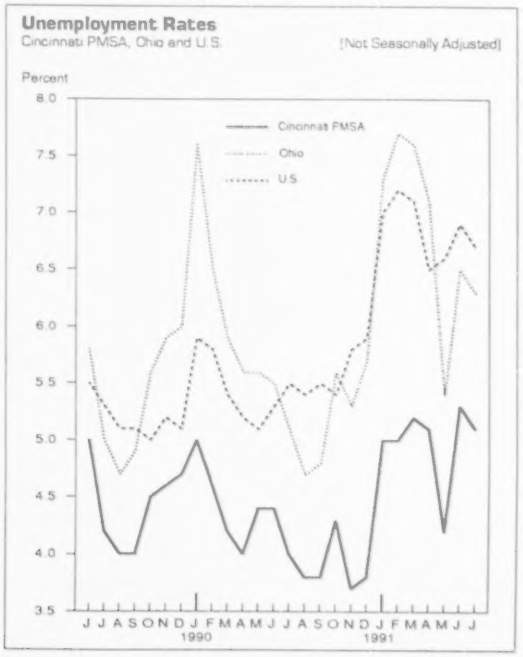


In the Cincinnati metropolitan area, nonfarm payroll employment rose 900 above the July level to 760,400 in August 1991. Employment in service-producing industries increased 800. More business in retail trade, services, especially business services, and wholesale trade outweighed declines in local government. The number of jobs in goods-producing industries totaled 181,200, up 100 over the month. Improvements in construction more than offset cutbacks in manufacturing. Reductions in transportation equipment and chemicals and allied products overshadowed a seasonal gain in food and kindred products. Factory production workers averaged $12.75 per hour, down fractionally from July. Their average workweek was unchanged at 43.1 hours.

Nonagricultural wage and salary employment advanced 12,100 between August 1990 and August 1991. Expansion in service-producing industries created 15,900 jobs. The primary growth industry was services, with notable gains in business services, health services, and engineering and management services. Moderate improvements occurred in retail trade, state and local schools, transportation and public utilities, and wholesale trade. The workforce in goods-producing industries dropped 3,800 from the year-ago level. Reductions in durable-goods manufacturing, particularly transportation equipment, electronic and other electric equipment, industrial machinery and equipment, and fabricated metal products negated scattered increases in nondurable-goods manufacturing. Gains were posted in chemicals and allied products, food and kindred products, and printing and publishing.

Seasonally adjusted employment in the Cincinnati area was on par with July at 758,000 in August 1991. Increases in wholesale trade and services counterbalanced a decrease in manufacturing. Since August 1990, nonfarm payroll employment advanced 12,000. Leading growth sectors were services (+9,000) and government (+3,000). Employment in manufacturing declined 4,000 during the period.



## Cincinnati PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 676.2 | 628.8 | 47.5 | 7.0 | 1980 | 600.7 | 162.4 | 106.6 | $332.07 | 41.2 | $ 8.06 |
| 678.5 | 619.3 | 59.1 | 8.7 | 1981 | 592.2 | 157.3 | 103.5 | 360.86 | 41.1 | 8.78 |
| 684.3 | 612.4 | 71.9 | 10.5 | 1982 | 575.3 | 146.3 | 95.5 | 387.59 | 40.5 | 9.57 |
| 687.6 | 615.2 | 72.4 | 10.5 | 1983 | 575.6 | 140.4 | 97.7 | 415.52 | 41.1 | 10.11 |
| 695.9 | 638.4 | 57.5 | 8.3 | 1984 | 600.8 | 145.0 | 96.5 | 441.41 | 41.8 | 10.56 |
| 710.6 | 659.1 | 51.5 | 7.2 | 1985 | 628.1 | 147.1 | 96.8 | 441.74 | 41.4 | 10.67 |
| 727.8 | 680.7 | 47.2 | 6.5 | 1986 | 650.8 | 147.7 | 95.5 | 453.00 | 42.1 | 10.76 |
| 744.2 | 700.2 | 44.0 | 5.9 | 1987 | 677.7 | 146.0 | 93.4 | 467.57 | 42.7 | 10.95 |
| 761.3 | 722.2 | 39.0 | 5.1 | 1988 | 701.6 | 145.7 | 92.5 | 476.15 | 42.4 | 11.23 |
| 778.4 | 743.5 | 34.8 | 4.5 | 1989 | 724.5 | 146.2 | 92.3 | 497.64 | 42.9 | 11.60 |
| 786.9 | 754.1 | 32.8 | 4.2 | 1990 | 744.0 | 148.1 | 92.9 | 518.49 | 43.1 | 12.03 |
| | | | | 1990 | | | | | | |
| 798.0 | 767.7 | 30.4 | 3.8 | August | 748.3 | 148.5 | 93.3 | 529.83 | 43.5 | 12.18 |
| 790.3 | 760.0 | 30.3 | 3.8 | September | 753.3 | 149.3 | 93.8 | 529.48 | 43.4 | 12.20 |
| 795.9 | 761.9 | 34.0 | 4.3 | October | 753.9 | 149.5 | 93.7 | 526.25 | 43.1 | 12.21 |
| 791.9 | 762.9 | 29.0 | 3.7 | November | 754.6 | 149.4 | 93.2 | 527.47 | 43.2 | 12.21 |
| 795.3 | 765.0 | 30.2 | 3.8 | December | 757.6 | 148.6 | 92.3 | 532.29 | 43.1 | 12.35 |
| | | | | 1991 | | | | | | |
| 772.3 | 733.9 | 38.4 | 5.0 | January | 737.3 | 147.3 | 91.5 | 521.14 | 42.3 | 12.32 |
| 773.1 | 734.6 | 38.5 | 5.0 | February | 737.9 | 146.6 | 91.0 | 515.76 | 42.0 | 12.28 |
| 785.8 | 745.0 | 40.7 | 5.2 | March | 744.4 | 146.0 | 90.3 | 516.18 | 42.0 | 12.29 |
| 796.4 | 755.8 | 40.6 | 5.1 | April | 751.3 | 144.7 | 89.3 | 511.66 | 41.7 | 12.27 |
| 795.2 | 761.6 | 33.7 | 4.2 | May | 758.3 | 145.6 | 90.1 | 528.73 | 42.4 | 12.47 |
| 808.7 | 765.9 | 42.8 | 5.3 | June | 764.2 | 146.0 | 90.2 | 540.14 | 42.8 | 12.62 |
| 810.0 | 768.8 | 41.2 | 5.1 | July | 759.4 | 145.0 | 89.4 | 550.39 | 43.1 | 12.77 |
| INA | INA | INA | INA | August | 760.4 | 144.6 | 89.7 | 549.53 | 43.1 | 12.75 |

INA – Information not available

## Cincinnati PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 601 | 188 | 25 | 162 | 1980 | 413 | 34 | 39 | 102 | 33 | 122 | 84 |
| 592 | 180 | 22 | 157 | 1981 | 412 | 33 | 38 | 102 | 33 | 124 | 82 |
| 575 | 167 | 20 | 146 | 1982 | 408 | 32 | 37 | 102 | 32 | 124 | 80 |
| 576 | 161 | 20 | 140 | 1983 | 414 | 31 | 37 | 105 | 33 | 130 | 79 |
| 601 | 167 | 22 | 145 | 1984 | 433 | 32 | 39 | 111 | 34 | 137 | 79 |
| 628 | 171 | 23 | 147 | 1985 | 457 | 34 | 41 | 118 | 36 | 147 | 81 |
| 651 | 174 | 26 | 148 | 1986 | 477 | 33 | 42 | 122 | 38 | 156 | 85 |
| 678 | 176 | 30 | 146 | 1987 | 502 | 36 | 44 | 127 | 40 | 168 | 87 |
| 702 | 178 | 32 | 146 | 1988 | 524 | 38 | 45 | 135 | 42 | 176 | 88 |
| 725 | 180 | 34 | 146 | 1989 | 544 | 39 | 48 | 141 | 43 | 184 | 90 |
| 744 | 182 | 34 | 148 | 1990 | 562 | 41 | 49 | 141 | 44 | 193 | 94 |
| | | | | 1990 | | | | | | | |
| 746 | 182 | 34 | 148 | August | 564 | 41 | 49 | 141 | 44 | 194 | 95 |
| 746 | 182 | 33 | 148 | September | 564 | 41 | 49 | 141 | 44 | 195 | 94 |
| 749 | 182 | 33 | 149 | October | 567 | 42 | 49 | 141 | 44 | 198 | 94 |
| 749 | 182 | 33 | 148 | November | 568 | 42 | 49 | 141 | 44 | 197 | 95 |
| 750 | 181 | 33 | 148 | December | 569 | 42 | 49 | 141 | 44 | 198 | 95 |
| | | | | 1991 | | | | | | | |
| 752 | 182 | 33 | 148 | January | 570 | 42 | 48 | 142 | 44 | 198 | 96 |
| 753 | 182 | 34 | 148 | February | 571 | 42 | 49 | 141 | 44 | 199 | 96 |
| 754 | 181 | 34 | 147 | March | 573 | 42 | 48 | 142 | 44 | 200 | 96 |
| 753 | 180 | 34 | 146 | April | 573 | 42 | 49 | 142 | 44 | 200 | 96 |
| 754 | 180 | 34 | 146 | May | 574 | 42 | 49 | 142 | 44 | 201 | 96 |
| 757 | 180 | 34 | 146 | June | 577 | 42 | 49 | 143 | 44 | 202 | 97 |
| 758 | 179 | 34 | 145 | July | 579 | 43 | 49 | 143 | 44 | 202 | 98 |
| 758 | 178 | 34 | 144 | August | 580 | 43 | 50 | 143 | 44 | 203 | 98 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cincinnati PMSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 760.4 | 759.4 | 748.3 | .9 | 12.1 |
| **Goods-Producing Industries**[e] | 181.2 | 181.1 | 185.0 | .1 | -3.8 |
| Construction | 36.2 | 35.7 | 36.1 | .5 | .1 |
| Manufacturing | 144.6 | 145.0 | 148.5 | -.4 | -3.9 |
| Durable Goods[f] | 74.5 | 75.3 | 80.0 | -.8 | -5.5 |
| Fabricated Metal Products | 11.3 | 11.4 | 11.7 | -.1 | -.5 |
| Fabricated Structural Metal Products | 4.0 | 3.9 | 4.2 | .1 | -.2 |
| Industrial Machinery and Equipment | 18.4 | 18.4 | 19.0 | .0 | -.6 |
| Electronic and Other Electric Equipment | 7.0 | 6.9 | 7.9 | .0 | -.9 |
| Transportation Equipment | 23.1 | 23.8 | 25.1 | -.7 | -2.0 |
| Motor Vehicles and Equipment | 4.9 | 4.9 | 5.0 | .0 | -.1 |
| Instruments and Related Products | 3.4 | 3.5 | 3.8 | -.1 | -.3 |
| Nondurable Goods[g] | 70.1 | 69.7 | 68.5 | .4 | 1.6 |
| Food and Kindred Products | 12.4 | 12.1 | 11.8 | .3 | .6 |
| Beverages | 2.9 | 2.9 | 2.8 | .0 | .1 |
| Apparel and Other Textile Products | 3.1 | 3.1 | 3.2 | .0 | -.1 |
| Paper and Allied Products | 6.2 | 6.1 | 6.1 | .1 | .1 |
| Printing and Publishing | 15.2 | 15.1 | 14.7 | .1 | .5 |
| Commercial Printing | 6.5 | 6.5 | 6.0 | .0 | .5 |
| Chemicals and Allied Products | 24.1 | 24.4 | 23.3 | -.3 | .9 |
| Rubber and Miscellaneous Plastics Products | 6.4 | 6.2 | 6.7 | .2 | -.3 |
| **Service-Producing Industries** | 579.2 | 578.4 | 563.3 | .8 | 15.9 |
| Transportation and Public Utilities | 42.8 | 42.6 | 41.4 | .1 | 1.4 |
| Transportation | 25.8 | 25.7 | 24.6 | .2 | 1.2 |
| Trucking and Warehousing | 10.9 | 10.9 | 10.7 | .0 | .2 |
| Transportation by Air | 8.2 | 8.1 | 7.4 | .1 | .9 |
| Communications, Electric, Gas Services | 17.0 | 17.0 | 16.8 | .0 | .2 |
| Communications | 9.9 | 9.9 | 9.9 | .0 | .0 |
| Wholesale Trade | 49.7 | 49.4 | 48.5 | .3 | 1.1 |
| Wholesale Trade-Durable Goods | 28.3 | 28.1 | 27.9 | .2 | .5 |
| Retail Trade | 144.1 | 143.2 | 142.0 | .8 | 2.1 |
| General Merchandise Stores | 21.1 | 20.8 | 20.9 | .3 | .2 |
| Finance, Insurance, and Real Estate | 44.7 | 44.6 | 44.5 | .1 | .2 |
| Finance | 17.8 | 17.8 | 17.8 | -.1 | -.1 |
| Depository Institutions | 13.3 | 13.3 | 13.4 | .0 | -.2 |
| Commercial Banks | 9.5 | 9.6 | 9.5 | .0 | .1 |
| Insurance | 17.3 | 17.2 | 17.0 | .1 | .2 |
| Insurance Carriers | 14.6 | 14.6 | 14.3 | .1 | .3 |
| Life Insurance | 6.8 | 6.8 | 6.7 | .0 | .1 |
| Fire, Marine, and Casualty Insurance | 5.6 | 5.6 | 5.5 | .1 | .2 |
| Services | 207.7 | 207.0 | 198.5 | .6 | 9.2 |
| Hotels and Other Lodging Places | 8.3 | 8.3 | 8.0 | .0 | .3 |
| Personal Services | 8.7 | 8.7 | 8.4 | .0 | .2 |
| Business Services | 42.8 | 42.2 | 39.9 | .6 | 3.0 |
| Services to Buildings | 6.4 | 6.3 | 6.2 | .1 | .1 |
| Computer and Data Processing Services | 5.6 | 5.6 | 5.2 | .0 | .4 |
| Amusements, Including Motion Pictures | 15.6 | 15.6 | 15.2 | .0 | .4 |
| Health Services | 61.5 | 61.3 | 59.4 | .2 | 2.1 |
| Nursing and Personal Care Facilities | 12.1 | 12.0 | 11.5 | .1 | .6 |
| Hospitals | 28.4 | 28.4 | 28.2 | .0 | .2 |
| Legal Services | 4.6 | 4.6 | 4.4 | .0 | .2 |
| Educational Services | 6.3 | 6.5 | 6.3 | -.2 | .0 |
| Social Services | 13.8 | 13.8 | 13.2 | .0 | .6 |
| Residential Care | 5.0 | 5.0 | 4.8 | .0 | .3 |
| Engineering and Management Services | 19.4 | 19.3 | 18.1 | .1 | 1.3 |
| Engineering and Architectural Services | 6.6 | 6.6 | 6.2 | .0 | .4 |
| Government | 90.3 | 91.4 | 88.3 | -1.1 | 2.0 |
| Federal Government | 15.9 | 16.0 | 15.9 | -.1 | .0 |
| State Government | 20.8 | 20.8 | 19.7 | .0 | 1.1 |
| State Government Education[h] | 12.5 | 12.5 | 11.3 | .0 | 1.2 |
| Local Government | 53.6 | 54.7 | 52.7 | -1.1 | .9 |
| Local Government Education | 28.0 | 28.5 | 27.2 | -.5 | .8 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

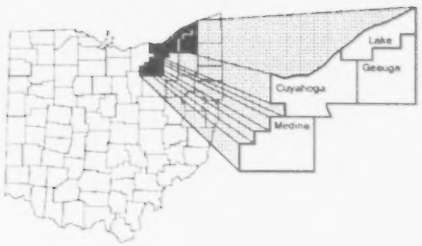
Not Seasonally Adjusted

Cincinnati PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[e] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[e] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $549.53 | $550.39 | $529.83 | 43.1 | 43.1 | 43.5 | $12.75 | $12.77 | $12.18 |
| Durable Goods[f] | 549.09 | 550.80 | 523.74 | 43.1 | 43.2 | 43.5 | 12.74 | 12.75 | 12.04 |
| Fabricated Metal Products | 455.20 | 462.64 | 440.75 | 41.8 | 42.6 | 43.0 | 10.89 | 10.86 | 10.25 |
| Fabricated Structural Metal Products | 560.69 | 560.20 | 516.29 | 46.3 | 46.8 | 44.7 | 12.11 | 11.97 | 11.55 |
| Industrial Machinery and Equipment | 484.22 | 475.44 | 471.22 | 42.7 | 42.0 | 42.3 | 11.34 | 11.32 | 11.14 |
| Electronic and Other Electric Equipment | 422.73 | 400.31 | 386.92 | 42.4 | 41.1 | 40.6 | 9.97 | 9.74 | 9.53 |
| Transportation Equipment | 818.98 | 856.45 | 832.13 | 45.6 | 47.9 | 48.1 | 17.96 | 17.88 | 17.30 |
| Motor Vehicles and Equipment | 923.95 | 998.39 | 996.56 | 47.7 | 50.5 | 52.7 | 19.37 | 19.77 | 18.91 |
| Instruments and Related Products | 471.32 | 437.14 | 410.92 | 43.6 | 42.4 | 43.3 | 10.81 | 10.31 | 9.49 |
| Nondurable Goods[g] | 549.96 | 548.26 | 534.25 | 43.1 | 42.9 | 43.4 | 12.76 | 12.78 | 12.31 |
| Food and Kindred Products | 531.78 | 532.93 | 482.58 | 44.5 | 44.3 | 42.0 | 11.95 | 12.03 | 11.49 |
| Beverages | 606.51 | 607.75 | 553.83 | 41.4 | 41.4 | 41.3 | 14.65 | 14.68 | 13.41 |
| Apparel and Other Textile Products | 261.00 | 249.42 | 261.21 | 37.5 | 36.2 | 38.3 | 6.96 | 6.89 | 6.82 |
| Paper and Allied Products | 437.53 | 446.76 | 461.67 | 40.4 | 41.1 | 42.2 | 10.83 | 10.87 | 10.94 |
| Printing and Publishing | 514.93 | 515.39 | 519.96 | 40.9 | 41.1 | 42.0 | 12.59 | 12.54 | 12.38 |
| Commercial Printing | 562.61 | 560.40 | 564.75 | 44.3 | 44.3 | 45.0 | 12.70 | 12.65 | 12.55 |
| Chemicals and Allied Products | 696.26 | 692.92 | 690.23 | 45.3 | 45.2 | 46.2 | 15.37 | 15.33 | 14.94 |
| Rubber and Miscellaneous Plastics Products | 451.10 | 457.92 | 439.56 | 43.5 | 43.2 | 44.4 | 10.37 | 10.60 | 9.90 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 622.08 | 647.91 | 588.13 | 40.5 | 41.4 | 39.9 | 15.36 | 15.65 | 14.74 |
| Communications | 613.01 | 651.95 | 587.39 | 39.6 | 40.9 | 38.9 | 15.48 | 15.94 | 15.10 |
| Wholesale Trade | 465.68 | 466.48 | 446.75 | 39.7 | 39.7 | 39.5 | 11.73 | 11.75 | 11.31 |
| Retail Trade[i] | 184.62 | 186.68 | 178.70 | 28.1 | 28.2 | 28.5 | 6.57 | 6.62 | 6.27 |
| General Merchandise Stores | 239.48 | 237.77 | 222.83 | 30.9 | 31.0 | 30.4 | 7.75 | 7.67 | 7.33 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 287.31 | 291.48 | 304.58 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 261.86 | 267.53 | 272.15 | .... | .... | .... | ..... | ..... | ..... |
| Insurance | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Insurance Carriers | 434.38 | 432.60 | 415.11 | .... | .... | .... | ..... | ..... | ..... |
| Life Insurance | 430.68 | 430.13 | 422.77 | .... | .... | .... | ..... | ..... | ..... |
| Fire, Marine, and Casualty Insurance | 469.25 | 464.33 | 425.81 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Hospitals | 459.10 | 458.70 | 433.29 | 33.1 | 33.0 | 32.8 | 13.87 | 13.90 | 13.21 |
| Engineering and Management Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Engineering and Architectural Services | 665.42 | 668.70 | 648.97 | 40.5 | 40.7 | 41.1 | 16.43 | 16.43 | 15.79 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

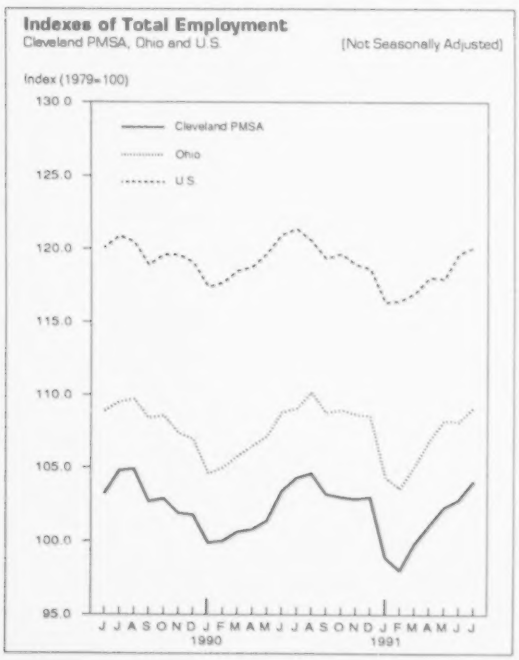
# Cleveland
## Primary Metropolitan Statistical Area

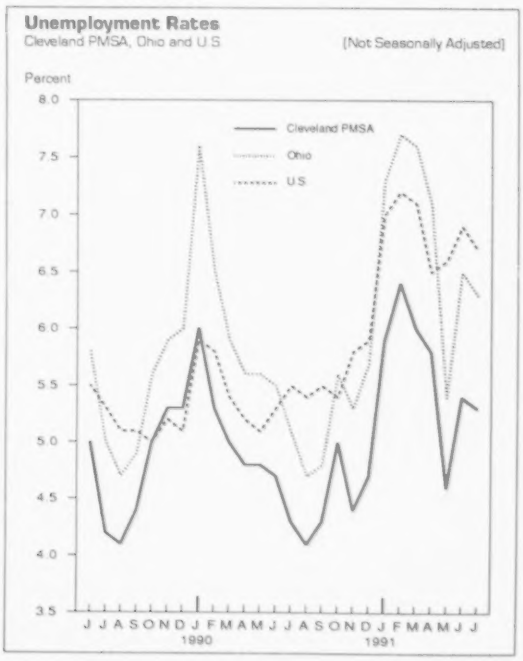



Nonfarm wage and salary employment in the Cleveland metropolitan area fell 5,400 below the July level to 955,400 in August 1991. Employment in the service-producing sector dropped 5,700 as seasonal layoffs in local government overshadowed more business in services and retail trade. Nominal increases in manufacturing and construction raised employment in goods-producing industries 400 over the month to 239,900. Gains in rubber and miscellaneous plastics products, fabricated metal products, and food and kindred products more than offset declines in industrial machinery and equipment and transportation equipment. Factory production workers averaged $12.63 per hour, up fractionally from July. Their average workweek of 42.4 hours was 0.2 hours longer.

Nonagricultural payroll employment declined 1,000 between August 1990 and August 1991. Reductions in durable-goods manufacturing lowered employment in goods-producing industries 5,100. Significant cutbacks occurred in industrial machinery and equipment (-2,500) and primary metal industries (-1,100). Moderate decreases were posted in rubber and miscellaneous plastics products, fabricated metal products, and transportation equipment. Employment in construction increased during the period. Expansion in service-producing industries created 4,100 jobs. Growth in services, especially health services and social services, outweighed declines in local schools.

Seasonally adjusted employment in the Cleveland area totaled 947,000 in August 1991, down 2,000 from July. Decreases in government and finance, insurance, and real estate more than offset increases in retail trade, services, and manufacturing. Since August 1990, nonfarm payroll employment declined 1,000 as reductions in manufacturing and government negated growth in services.



## Cleveland PMSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 937.1 | 869.1 | 68.0 | 7.3 | 1980 | 895.7 | 254.9 | 169.2 | $350.38 | 40.6 | $ 8.63 |
| 933.9 | 854.0 | 79.8 | 8.5 | 1981 | 880.7 | 246.8 | 161.8 | 395.38 | 41.1 | 9.62 |
| 933.4 | 833.2 | 100.2 | 10.7 | 1982 | 844.6 | 223.0 | 141.8 | 402.99 | 39.9 | 10.10 |
| 928.7 | 823.4 | 105.3 | 11.3 | 1983 | 829.8 | 207.3 | 132.4 | 427.41 | 40.9 | 10.45 |
| 923.6 | 841.0 | 82.6 | 8.9 | 1984 | 854.5 | 213.8 | 137.5 | 456.12 | 42.0 | 10.86 |
| 926.0 | 849.2 | 76.8 | 8.3 | 1985 | 868.7 | 211.2 | 135.1 | 467.74 | 41.8 | 11.19 |
| 932.8 | 862.7 | 70.1 | 7.5 | 1986 | 879.2 | 204.9 | 131.5 | 481.62 | 42.1 | 11.44 |
| 927.0 | 869.0 | 58.0 | 6.3 | 1987 | 891.6 | 200.6 | 128.3 | 496.35 | 42.9 | 11.57 |
| 936.5 | 885.0 | 51.4 | 5.5 | 1988 | 911.3 | 203.3 | 131.1 | 508.65 | 43.4 | 11.72 |
| 953.5 | 907.5 | 46.0 | 4.8 | 1989 | 935.8 | 207.6 | 133.7 | 509.87 | 43.1 | 11.83 |
| 954.8 | 909.1 | 45.7 | 4.8 | 1990 | 950.2 | 206.6 | 131.7 | 517.95 | 42.7 | 12.13 |
| | | | | 1990 | | | | | | |
| 969.6 | 930.3 | 39.4 | 4.1 | August | 956.3 | 206.1 | 131.1 | 518.38 | 42.7 | 12.14 |
| 958.0 | 917.2 | 40.8 | 4.3 | September | 960.3 | 207.4 | 133.0 | 530.56 | 43.1 | 12.31 |
| 964.4 | 915.9 | 48.5 | 5.0 | October | 959.4 | 207.6 | 132.4 | 527.24 | 42.9 | 12.29 |
| 956.7 | 914.6 | 42.2 | 4.4 | November | 956.5 | 205.2 | 129.5 | 518.87 | 42.6 | 12.18 |
| 960.9 | 915.4 | 45.5 | 4.7 | December | 957.6 | 204.5 | 128.7 | 516.01 | 42.4 | 12.17 |
| | | | | 1991 | | | | | | |
| 935.0 | 879.5 | 55.5 | 5.9 | January | 932.4 | 204.1 | 128.3 | 510.38 | 41.8 | 12.21 |
| 931.5 | 871.5 | 60.0 | 6.4 | February | 926.4 | 199.2 | 123.7 | 496.43 | 41.3 | 12.02 |
| 944.4 | 887.2 | 57.1 | 6.0 | March | 936.6 | 201.7 | 126.2 | 505.10 | 41.3 | 12.23 |
| 954.5 | 898.9 | 55.6 | 5.8 | April | 943.6 | 201.9 | 126.8 | 510.88 | 41.3 | 12.37 |
| 953.6 | 909.8 | 43.8 | 4.6 | May | 953.4 | 201.8 | 126.9 | 515.43 | 41.4 | 12.45 |
| 967.1 | 914.4 | 52.7 | 5.4 | June | 964.5 | 202.8 | 127.5 | 538.06 | 42.4 | 12.69 |
| 977.4 | 925.4 | 52.1 | 5.3 | July | 960.7 | 200.2 | 125.1 | 531.30 | 42.2 | 12.59 |
| INA | INA | INA | INA | August | 955.4 | 200.5 | 125.5 | 535.51 | 42.4 | 12.63 |

INA – Information not available

## Cleveland PMSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 896 | 286 | 30 | 255 | 1980 | 610 | 46 | 64 | 141 | 48 | 188 | 123 |
| 881 | 276 | 28 | 247 | 1981 | 605 | 45 | 63 | 137 | 48 | 192 | 120 |
| 845 | 249 | 25 | 223 | 1982 | 595 | 43 | 61 | 134 | 48 | 192 | 117 |
| 830 | 234 | 25 | 207 | 1983 | 596 | 41 | 59 | 136 | 48 | 196 | 116 |
| 854 | 243 | 28 | 214 | 1984 | 612 | 42 | 62 | 141 | 49 | 204 | 115 |
| 869 | 240 | 28 | 211 | 1985 | 629 | 41 | 63 | 146 | 50 | 213 | 116 |
| 879 | 232 | 26 | 205 | 1986 | 647 | 41 | 62 | 150 | 52 | 225 | 116 |
| 892 | 230 | 28 | 201 | 1987 | 662 | 41 | 61 | 154 | 55 | 233 | 117 |
| 911 | 234 | 29 | 203 | 1988 | 678 | 41 | 64 | 157 | 56 | 243 | 116 |
| 936 | 241 | 33 | 208 | 1989 | 694 | 42 | 65 | 159 | 57 | 253 | 118 |
| 950 | 242 | 35 | 207 | 1990 | 708 | 43 | 65 | 163 | 58 | 260 | 120 |
| | | | | 1990 | | | | | | | |
| 948 | 242 | 35 | 206 | August | 707 | 43 | 65 | 164 | 58 | 262 | 115 |
| 953 | 242 | 34 | 206 | September | 711 | 43 | 65 | 164 | 58 | 261 | 120 |
| 953 | 242 | 34 | 207 | October | 711 | 43 | 65 | 164 | 58 | 261 | 120 |
| 949 | 240 | 34 | 204 | November | 710 | 43 | 65 | 164 | 58 | 261 | 119 |
| 949 | 239 | 35 | 203 | December | 710 | 43 | 65 | 163 | 58 | 261 | 119 |
| | | | | 1991 | | | | | | | |
| 952 | 241 | 34 | 206 | January | 711 | 43 | 65 | 164 | 58 | 262 | 120 |
| 947 | 236 | 35 | 201 | February | 711 | 43 | 65 | 163 | 58 | 262 | 120 |
| 952 | 239 | 35 | 203 | March | 713 | 43 | 65 | 164 | 58 | 263 | 120 |
| 951 | 238 | 35 | 203 | April | 712 | 43 | 65 | 164 | 58 | 263 | 120 |
| 952 | 237 | 35 | 202 | May | 714 | 43 | 65 | 163 | 59 | 265 | 120 |
| 953 | 237 | 35 | 201 | June | 715 | 43 | 65 | 164 | 59 | 266 | 119 |
| 949 | 236 | 35 | 200 | July | 713 | 43 | 65 | 163 | 59 | 266 | 117 |
| 947 | 237 | 35 | 201 | August | 711 | 43 | 65 | 164 | 58 | 267 | 113 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Cleveland PMSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 955.4 | 960.7 | 956.3 | -5.4 | -1.0 |
| **Goods-Producing Industries**[e] | 239.9 | 239.6 | 245.0 | .4 | -5.1 |
| Construction | 38.9 | 38.7 | 38.1 | .2 | .8 |
| Special Trade Contractors | 27.0 | 26.8 | 26.4 | .2 | .7 |
| Manufacturing | 200.5 | 200.2 | 206.1 | .3 | -5.6 |
| Durable Goods[f] | 134.6 | 134.8 | 140.1 | -.1 | -5.4 |
| Stone, Clay, and Glass Products | 3.5 | 3.5 | 3.7 | .0 | -.1 |
| Primary Metal Industries | 19.2 | 19.1 | 20.3 | .1 | -1.1 |
| Iron and Steel Foundries | 4.0 | 4.0 | 4.2 | .0 | -.2 |
| Fabricated Metal Products | 33.8 | 33.6 | 34.5 | .2 | -.6 |
| Screw Machine Products, Bolts, etc | 5.2 | 5.3 | 5.2 | -.1 | .0 |
| Metal Forgings and Stampings | 10.9 | 10.6 | 11.0 | .2 | -.1 |
| Industrial Machinery and Equipment | 30.9 | 31.2 | 33.5 | -.3 | -2.5 |
| Metalworking Machinery | 11.8 | 12.1 | 12.9 | -.2 | -1.1 |
| Electronic and Other Electric Equipment | 15.2 | 15.1 | 15.4 | .1 | -.3 |
| Electrical Industrial Apparatus | 3.7 | 3.7 | 4.1 | .0 | -.4 |
| Electric Lighting and Wiring Equipment | 5.1 | 5.1 | 5.1 | .0 | .0 |
| Transportation Equipment | 18.0 | 18.2 | 18.6 | -.2 | -.6 |
| Motor Vehicles and Equipment | 10.9 | 11.0 | 11.1 | .0 | -.1 |
| Instruments and Related Products | 7.2 | 7.2 | 7.1 | .0 | .1 |
| Measuring and Controlling Devices | 5.1 | 5.1 | 5.0 | .0 | .1 |
| Nondurable Goods[g] | 65.8 | 65.4 | 66.0 | .5 | -.2 |
| Food and Kindred Products | 6.3 | 6.1 | 6.1 | .2 | .2 |
| Apparel and Other Textile Products | 3.1 | 3.1 | 3.1 | .0 | .0 |
| Paper and Allied Products | 5.9 | 5.9 | 5.9 | -.1 | .0 |
| Printing and Publishing | 17.7 | 17.8 | 17.7 | -.1 | .0 |
| Chemicals and Allied Products | 15.3 | 15.3 | 15.1 | .1 | .2 |
| Rubber and Miscellaneous Plastics Products | 10.9 | 10.6 | 11.7 | .3 | -.9 |
| Miscellaneous Plastics Products | 7.2 | 7.1 | 7.4 | .1 | -.2 |
| **Service-Producing Industries** | 715.4 | 721.2 | 711.3 | -5.7 | 4.1 |
| Transportation and Public Utilities | 43.6 | 43.6 | 43.1 | .0 | .5 |
| Transportation | 26.5 | 26.5 | 25.8 | .0 | .7 |
| Trucking and Warehousing | 11.7 | 11.7 | 11.6 | -.1 | .0 |
| Transportation by Air | 5.8 | 5.7 | 5.3 | .1 | .5 |
| Communications, Electric, Gas Services | 17.1 | 17.2 | 17.4 | -.1 | -.3 |
| Communications | 10.0 | 10.1 | 10.4 | -.1 | -.3 |
| Electric, Gas, and Sanitary Services | 7.1 | 7.1 | 7.0 | .0 | .1 |
| Wholesale Trade | 65.6 | 65.6 | 65.7 | .1 | .0 |
| Wholesale Trade-Durable Goods | 45.0 | 45.0 | 45.0 | .0 | .0 |
| Motor Vehicles, Parts, and Supplies | 4.0 | 4.0 | 4.2 | .0 | -.1 |
| Professional and Commercial Equipment | 9.0 | 9.0 | 9.2 | .0 | -.2 |
| Retail Trade | 165.1 | 164.7 | 165.2 | .5 | .0 |
| General Merchandise Stores | 19.4 | 19.5 | 20.2 | .0 | -.8 |
| Finance, Insurance, and Real Estate | 59.2 | 59.5 | 58.9 | -.3 | .2 |
| Finance | 28.0 | 28.0 | 28.2 | .0 | -.2 |
| Depository Institutions | 20.7 | 20.6 | 20.8 | .0 | -.1 |
| Commercial Banks | 13.1 | 13.1 | 13.3 | .0 | -.1 |
| Insurance | 19.4 | 19.7 | 19.2 | -.3 | .2 |
| Insurance Carriers | 14.6 | 14.9 | 14.4 | -.3 | .2 |
| Fire, Marine, and Casualty Insurance | 6.6 | 6.7 | 6.4 | .0 | .3 |
| Services | 270.1 | 269.0 | 264.8 | 1.0 | 5.3 |
| Business Services | 54.5 | 54.1 | 54.1 | .5 | .5 |
| Personnel Supply Services | 20.2 | 19.8 | 20.3 | .4 | -.1 |
| Computer and Data Processing Services | 7.1 | 7.1 | 6.8 | .0 | .3 |
| Amusements, Including Motion Pictures | 14.2 | 14.0 | 14.3 | .2 | -.2 |
| Health Services | 83.4 | 83.2 | 80.8 | .2 | 2.7 |
| Nursing and Personal Care Facilities | 15.1 | 15.0 | 14.7 | .0 | .4 |
| Hospitals | 44.3 | 44.2 | 43.1 | .0 | 1.2 |
| Legal Services | 10.3 | 10.4 | 10.0 | -.1 | .3 |
| Educational Services | 15.1 | 15.0 | 15.0 | .2 | .1 |
| Social Services | 16.1 | 16.0 | 15.1 | .1 | 1.0 |
| Residential Care | 4.6 | 4.6 | 4.2 | .0 | .4 |
| Engineering and Management Services | 23.7 | 23.5 | 23.0 | .2 | .7 |
| Engineering and Architectural Services | 8.9 | 8.9 | 8.5 | .0 | .4 |
| Accounting, Auditing, and Bookkeeping | 6.4 | 6.4 | 6.4 | .1 | .1 |
| Management and Public Relations | 5.5 | 5.4 | 5.3 | .1 | .2 |
| Government | 111.8 | 118.8 | 113.7 | -7.0 | -1.9 |
| Federal Government | 19.8 | 19.8 | 20.0 | .0 | -.2 |
| State Government | 8.2 | 8.2 | 8.0 | -.1 | .2 |
| State Government Education[h] | 3.0 | 3.0 | 2.7 | .0 | .3 |
| Local Government | 83.9 | 90.8 | 85.7 | -6.9 | -1.9 |
| Local Government Education | 35.8 | 40.6 | 37.5 | -4.8 | -1.7 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

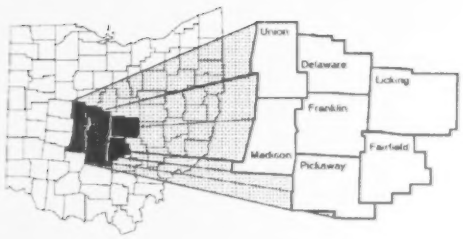
Not Seasonally Adjusted

Cleveland PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $535.51 | $531.30 | $518.38 | 42.4 | 42.2 | 42.7 | $12.63 | $12.59 | $12.14 |
| Durable Goods[f] | 562.28 | 556.67 | 552.45 | 42.5 | 42.3 | 43.5 | 13.23 | 13.16 | 12.70 |
| Stone, Clay, and Glass Products | 524.03 | 518.74 | 514.11 | 41.1 | 41.4 | 42.7 | 12.75 | 12.53 | 12.04 |
| Primary Metal Industries | 586.02 | 576.28 | 533.82 | 44.7 | 44.5 | 44.3 | 13.11 | 12.95 | 12.05 |
| Iron and Steel Foundries | 954.03 | 869.05 | 849.88 | 48.7 | 45.5 | 47.4 | 19.59 | 19.10 | 17.93 |
| Fabricated Metal Products | 581.95 | 577.54 | 552.12 | 43.3 | 43.1 | 43.0 | 13.44 | 13.40 | 12.84 |
| Screw Machine Products, Bolts, etc. | 534.70 | 494.21 | 532.82 | 43.9 | 41.6 | 42.9 | 12.18 | 11.88 | 12.42 |
| Metal Forgings and Stampings | 729.41 | 761.81 | 701.32 | 44.1 | 45.4 | 44.5 | 16.54 | 16.78 | 15.76 |
| Industrial Machinery and Equipment | 516.53 | 510.67 | 559.10 | 42.2 | 42.1 | 44.8 | 12.24 | 12.13 | 12.48 |
| Metalworking Machinery | 461.71 | 466.03 | 506.26 | 39.7 | 39.9 | 42.4 | 11.63 | 11.68 | 11.94 |
| Electronic and Other Electric Equipment | 424.54 | 421.98 | 424.50 | 39.2 | 39.0 | 40.7 | 10.83 | 10.82 | 10.43 |
| Electrical Industrial Apparatus | 451.68 | 434.11 | 456.93 | 41.9 | 40.8 | 43.6 | 10.78 | 10.64 | 10.48 |
| Electric Lighting and Wiring Equipment | 419.63 | 406.48 | 395.26 | 36.3 | 35.5 | 38.3 | 11.56 | 11.45 | 10.32 |
| Transportation Equipment | 758.52 | 758.09 | 741.32 | 43.0 | 43.0 | 44.1 | 17.64 | 17.63 | 16.81 |
| Motor Vehicles and Equipment | 825.80 | 842.27 | 836.24 | 43.1 | 43.8 | 45.3 | 19.16 | 19.23 | 18.46 |
| Instruments and Related Products | 423.60 | 424.51 | 472.76 | 39.7 | 39.6 | 42.4 | 10.67 | 10.72 | 11.15 |
| Measuring and Controlling Devices | 451.41 | 438.80 | 468.68 | 41.0 | 40.0 | 42.3 | 11.01 | 10.97 | 11.08 |
| Nondurable Goods[g] | 473.06 | 467.74 | 439.11 | 42.2 | 41.8 | 41.0 | 11.21 | 11.19 | 10.71 |
| Food and Kindred Products | 528.22 | 480.67 | 460.02 | 44.5 | 40.7 | 41.0 | 11.87 | 11.81 | 11.22 |
| Apparel and Other Textile Products | 408.72 | 408.20 | 371.72 | 39.3 | 39.1 | 37.7 | 10.40 | 10.44 | 9.86 |
| Paper and Allied Products | 533.12 | 520.82 | 503.09 | 44.8 | 44.1 | 43.9 | 11.90 | 11.81 | 11.46 |
| Printing and Publishing | 400.34 | 403.13 | 381.21 | 38.2 | 38.8 | 37.3 | 10.48 | 10.39 | 10.22 |
| Chemicals and Allied Products | 570.18 | 582.55 | 551.68 | 43.0 | 43.9 | 42.7 | 13.26 | 13.27 | 12.92 |
| Rubber and Miscellaneous Plastics Products | 395.51 | 384.92 | 376.74 | 42.3 | 41.3 | 42.0 | 9.35 | 9.32 | 8.97 |
| Miscellaneous Plastics Products | 409.45 | 392.47 | 381.49 | 43.1 | 41.4 | 42.2 | 9.50 | 9.48 | 9.04 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Transportation | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Trucking and Warehousing | 597.30 | 519.55 | 491.39 | 39.4 | 35.2 | 34.9 | 15.16 | 14.76 | 14.08 |
| Communications, Electric, Gas Services | 706.76 | 701.32 | 629.86 | 44.2 | 44.5 | 40.9 | 15.99 | 15.76 | 15.40 |
| Wholesale Trade | 477.06 | 477.10 | 468.07 | 39.2 | 39.3 | 39.6 | 12.17 | 12.14 | 11.82 |
| Retail Trade[i] | 199.88 | 203.76 | 193.45 | 27.8 | 28.3 | 28.2 | 7.19 | 7.20 | 6.86 |
| General Merchandise Stores | 196.40 | 208.79 | 187.62 | 28.3 | 29.7 | 28.6 | 6.94 | 7.03 | 6.56 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 336.26 | 339.14 | 321.44 | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 303.37 | 307.12 | 294.87 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 287.21 | 286.45 | 285.53 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | 345.52 | 345.65 | 342.41 | 31.1 | 31.0 | 31.5 | 11.11 | 11.15 | 10.87 |
| Nursing and Personal Care Facilities | 253.41 | 259.52 | 249.38 | 33.3 | 33.4 | 33.7 | 7.61 | 7.77 | 7.40 |
| Hospitals | 385.92 | 384.64 | 378.53 | 30.8 | 30.6 | 30.9 | 12.53 | 12.57 | 12.25 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

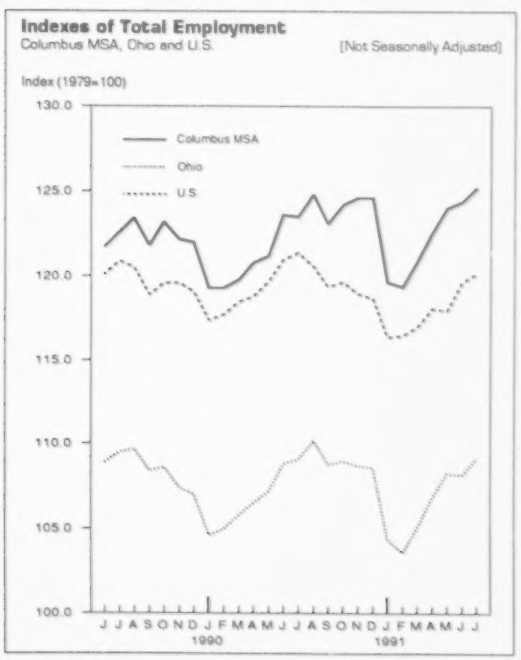
# Columbus Metropolitan Statistical Area

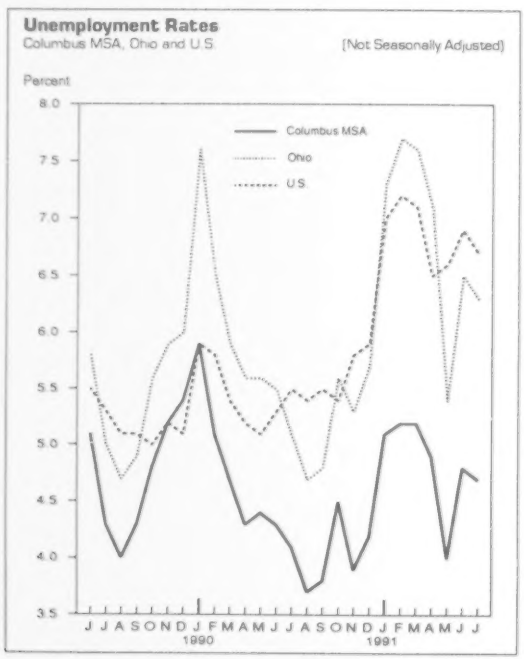



Nonagricultural payroll employment in the Columbus metropolitan area rose 3,700 above the July level to 737,100 in August 1991. More business in retail trade and services raised employment in the service-producing sector 2,000. Employment in goods-producing industries totaled 139,000 as scattered gains in manufacturing and improvements in construction created 1,700 jobs. Increases were posted in stone, clay, and glass products, electronic and other electric equipment, and transportation equipment. Factory production workers averaged $13.00 per hour, little changed from July. Their average workweek of 42.7 hours was 0.2 hours longer.

Nonfarm wage and salary employment advanced 12,800 between August 1990 and August 1991. Expansion in the service-producing sector contributed 93.0 percent of the gain. The leading growth industry was services, most notably business services (+3,800), health services (+2,100), and social services (+1,200). Modest increases occurred in local and state schools and colleges and in retail trade. The number of employees in goods-producing industries rose 900 due to gains in construction and manufacturing. Over-the-year improvements in electronic and other electric equipment and food and kindred products outweighed declines in industrial machinery and equipment, fabricated metal products, and instruments and related products.

Seasonally adjusted employment in the Columbus area increased 2,000 from July to 739,000 in August 1991 mainly due to growth in manufacturing and services. Since August 1990, nonfarm payroll employment advanced 13,000. Services added 9,000 employees; government rose 2,000; and construction gained 1,000.



## Columbus MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| INA | INA | INA | INA | 1980 | 560.2 | 112.6 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1981 | 556.9 | 109.1 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1982 | 544.0 | 101.0 | INA | INA | INA | INA |
| 647.7 | 587.4 | 60.3 | 9.3 | 1983 | 548.5 | 98.7 | INA | INA | INA | INA |
| 633.5 | 584.3 | 49.2 | 7.8 | 1984 | 576.4 | 104.7 | 69.3 | $426.05 | 40.5 | $10.52 |
| 649.4 | 605.6 | 43.8 | 6.7 | 1985 | 603.6 | 106.1 | 70.8 | 442.95 | 40.9 | 10.83 |
| 676.2 | 634.9 | 41.3 | 6.1 | 1986 | 630.7 | 105.8 | 70.4 | 461.14 | 41.1 | 11.22 |
| 694.9 | 657.2 | 37.7 | 5.4 | 1987 | 658.0 | 103.9 | 68.7 | 473.52 | 41.5 | 11.41 |
| 711.2 | 676.2 | 35.0 | 4.9 | 1988 | 680.5 | 102.6 | 67.9 | 479.33 | 41.5 | 11.55 |
| 733.7 | 698.9 | 34.8 | 4.7 | 1989 | 704.7 | 104.9 | 69.5 | 500.82 | 41.7 | 12.01 |
| 739.5 | 706.9 | 32.6 | 4.4 | 1990 | 722.7 | 104.5 | 69.7 | 522.48 | 42.0 | 12.44 |
| | | | | 1990 | | | | | | |
| 748.3 | 720.9 | 27.4 | 3.7 | August | 724.3 | 105.1 | 70.0 | 515.41 | 41.7 | 12.36 |
| 739.5 | 711.1 | 28.4 | 3.8 | September | 728.2 | 105.6 | 70.7 | 529.61 | 42.2 | 12.55 |
| 750.9 | 717.2 | 33.7 | 4.5 | October | 735.2 | 106.1 | 70.7 | 530.88 | 42.1 | 12.61 |
| 748.9 | 719.6 | 29.3 | 3.9 | November | 737.1 | 105.0 | 69.7 | 541.40 | 42.9 | 12.62 |
| 751.7 | 719.8 | 31.9 | 4.2 | December | 737.3 | 104.6 | 69.4 | 549.11 | 43.0 | 12.77 |
| | | | | 1991 | | | | | | |
| 728.4 | 691.4 | 37.0 | 5.1 | January | 717.4 | 104.3 | 69.3 | 529.59 | 41.7 | 12.70 |
| 727.5 | 689.6 | 38.0 | 5.2 | February | 717.7 | 103.6 | 68.9 | 524.10 | 41.3 | 12.69 |
| 736.7 | 698.3 | 38.4 | 5.2 | March | 722.6 | 103.6 | 69.0 | 537.13 | 41.8 | 12.85 |
| 744.5 | 707.9 | 36.6 | 4.9 | April | 727.5 | 103.7 | 69.0 | 541.80 | 42.0 | 12.90 |
| 745.3 | 715.9 | 29.5 | 4.0 | May | 734.5 | 104.0 | 69.4 | 544.80 | 42.2 | 12.91 |
| 754.8 | 718.2 | 36.6 | 4.8 | June | 741.1 | 104.4 | 69.5 | 548.23 | 42.4 | 12.93 |
| 758.8 | 722.8 | 36.0 | 4.7 | July | 733.5 | 104.3 | 69.4 | 552.93 | 42.5 | 13.01 |
| INA | INA | INA | INA | August | 737.1 | 105.5 | 70.6 | 555.10 | 42.7 | 13.00 |

INA – Information not available

## Columbus MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 560 | 135 | 21 | 113 | 1980 | 425 | 27 | 29 | 101 | 40 | 113 | 115 |
| 557 | 130 | 19 | 109 | 1981 | 427 | 26 | 29 | 101 | 42 | 116 | 113 |
| 544 | 118 | 16 | 101 | 1982 | 426 | 25 | 28 | 100 | 44 | 117 | 111 |
| 548 | 117 | 17 | 99 | 1983 | 432 | 25 | 29 | 103 | 45 | 120 | 110 |
| 576 | 125 | 19 | 105 | 1984 | 451 | 26 | 31 | 110 | 47 | 127 | 110 |
| 604 | 129 | 22 | 106 | 1985 | 475 | 26 | 32 | 119 | 49 | 136 | 112 |
| 631 | 131 | 24 | 106 | 1986 | 500 | 27 | 32 | 125 | 54 | 146 | 116 |
| 658 | 132 | 27 | 104 | 1987 | 526 | 28 | 34 | 133 | 57 | 154 | 119 |
| 680 | 133 | 29 | 103 | 1988 | 548 | 30 | 36 | 138 | 59 | 162 | 123 |
| 705 | 135 | 30 | 105 | 1989 | 569 | 31 | 37 | 145 | 60 | 172 | 125 |
| 723 | 135 | 29 | 105 | 1990 | 588 | 31 | 36 | 148 | 61 | 183 | 129 |
| | | | | 1990 | | | | | | | |
| 726 | 135 | 29 | 105 | August | 591 | 31 | 36 | 149 | 61 | 185 | 130 |
| 726 | 135 | 29 | 105 | September | 591 | 31 | 36 | 149 | 61 | 185 | 130 |
| 727 | 135 | 29 | 105 | October | 592 | 31 | 36 | 149 | 61 | 186 | 130 |
| 727 | 134 | 29 | 104 | November | 593 | 31 | 36 | 149 | 61 | 186 | 130 |
| 728 | 134 | 29 | 104 | December | 593 | 31 | 36 | 149 | 61 | 187 | 130 |
| | | | | 1991 | | | | | | | |
| 729 | 135 | 29 | 105 | January | 594 | 31 | 36 | 149 | 61 | 187 | 130 |
| 729 | 134 | 29 | 105 | February | 595 | 31 | 36 | 148 | 61 | 188 | 131 |
| 731 | 135 | 30 | 104 | March | 596 | 31 | 36 | 149 | 61 | 189 | 130 |
| 730 | 135 | 30 | 104 | April | 595 | 31 | 36 | 148 | 61 | 190 | 130 |
| 732 | 135 | 30 | 104 | May | 598 | 31 | 36 | 148 | 61 | 191 | 131 |
| 734 | 135 | 30 | 104 | June | 599 | 31 | 36 | 149 | 61 | 192 | 130 |
| 737 | 135 | 30 | 104 | July | 602 | 31 | 36 | 149 | 61 | 193 | 132 |
| 739 | 136 | 30 | 105 | August | 603 | 31 | 36 | 149 | 61 | 194 | 132 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Columbus MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 737.1 | 733.5 | 724.3 | 3.7 | 12.8 |
| **Goods-Producing Industries**[e] | 139.0 | 137.3 | 138.1 | 1.7 | .9 |
| Construction | 32.6 | 32.1 | 32.1 | .4 | .5 |
| Manufacturing | 105.5 | 104.3 | 105.1 | 1.2 | .4 |
| Durable Goods[f] | 66.6 | 65.8 | 66.3 | .8 | .3 |
| Stone, Clay, and Glass Products | 9.7 | 9.4 | 9.7 | .3 | .0 |
| Glass and Glassware, Pressed or Blown | 3.9 | 3.5 | 3.6 | .3 | .3 |
| Fabricated Metal Products | 8.9 | 8.9 | 9.5 | .0 | -.5 |
| Industrial Machinery and Equipment | 9.3 | 9.4 | 10.0 | .0 | -.6 |
| Electronic and Other Electric Equipment | 10.8 | 10.6 | 9.4 | .2 | 1.5 |
| Transportation Equipment | 15.8 | 15.7 | 15.7 | .2 | .1 |
| Motor Vehicles and Equipment | 14.1 | 14.1 | 14.1 | .0 | .1 |
| Instruments and Related Products | 4.1 | 4.0 | 4.4 | .0 | -.4 |
| Nondurable Goods[g] | 38.9 | 38.5 | 38.8 | .4 | .1 |
| Food and Kindred Products | 11.3 | 11.1 | 10.6 | .1 | .7 |
| Dairy Products | 4.2 | 4.2 | 3.9 | .0 | .3 |
| Printing and Publishing | 10.9 | 10.9 | 10.8 | .1 | .2 |
| Chemicals and Allied Products | 6.7 | 6.7 | 7.0 | .0 | -.2 |
| Rubber and Miscellaneous Plastics Products | 6.1 | 6.1 | 6.1 | .0 | .0 |
| **Service-Producing Industries** | 598.1 | 596.1 | 586.2 | 2.0 | 11.9 |
| Transportation and Public Utilities | 31.2 | 30.9 | 31.1 | .3 | .1 |
| Transportation | 18.4 | 18.2 | 18.3 | .2 | .1 |
| Trucking and Warehousing | 13.2 | 13.1 | 13.1 | .1 | .1 |
| Communications, Electric, Gas Services | 12.8 | 12.8 | 12.8 | .0 | .0 |
| Communications | 8.1 | 8.0 | 7.9 | .0 | .1 |
| Electric, Gas, and Sanitary Services | 4.7 | 4.7 | 4.9 | .0 | -.1 |
| Wholesale Trade | 36.5 | 36.6 | 36.1 | -.1 | .4 |
| Wholesale Trade-Durable Goods | 22.8 | 22.9 | 22.7 | -.1 | .2 |
| Motor Vehicles, Parts, and Supplies | 3.1 | 3.1 | 3.1 | .0 | .0 |
| Machinery, Equipment, and Supplies | 4.9 | 4.9 | 5.0 | .0 | -.1 |
| Wholesale Trade-Nondurable Goods | 13.6 | 13.6 | 13.4 | .0 | .3 |
| Retail Trade | 149.7 | 148.3 | 149.1 | 1.4 | .6 |
| General Merchandise Stores | 21.0 | 20.8 | 21.0 | .2 | .0 |
| Food Stores | 16.2 | 16.3 | 17.2 | -.1 | -.9 |
| Automotive Dealers and Service Stations | 14.6 | 14.5 | 14.5 | .1 | .1 |
| Finance, Insurance, and Real Estate | 61.5 | 61.5 | 61.6 | .0 | .0 |
| Finance | 24.4 | 24.3 | 24.7 | .1 | -.3 |
| Depository Institutions | 13.4 | 13.4 | 14.0 | .0 | -.5 |
| Commercial Banks | 11.3 | 11.3 | 11.7 | .0 | -.3 |
| Insurance | 27.2 | 27.1 | 27.2 | .0 | .0 |
| Insurance Carriers | 23.0 | 23.0 | 23.1 | .0 | -.1 |
| Services | 195.8 | 195.1 | 186.6 | .8 | 9.2 |
| Business Services | 47.2 | 46.4 | 43.4 | .8 | 3.8 |
| Personnel Supply Services | 20.2 | 19.8 | 17.6 | .5 | 2.7 |
| Health Services | 49.2 | 49.0 | 47.2 | .2 | 2.1 |
| Nursing and Personal Care Facilities | 8.7 | 8.7 | 8.4 | .0 | .4 |
| Hospitals | 22.7 | 22.7 | 22.1 | .0 | .7 |
| Legal Services | 4.7 | 4.8 | 4.7 | -.1 | .0 |
| Educational Services | 6.3 | 6.3 | 6.3 | -.1 | .0 |
| Social Services | 14.3 | 14.2 | 13.1 | .1 | 1.2 |
| Engineering and Management Services | 19.0 | 19.0 | 18.5 | .0 | .5 |
| Engineering and Architectural Services | 5.4 | 5.4 | 5.1 | .0 | .3 |
| Accounting, Auditing, and Bookkeeping | 3.9 | 3.9 | 3.8 | .0 | .1 |
| Research and Testing Services | 5.8 | 5.8 | 5.9 | .0 | -.1 |
| Government | 123.3 | 123.7 | 121.7 | -.4 | 1.6 |
| Federal Government | 15.6 | 15.7 | 16.6 | -.1 | -1.0 |
| State Government | 53.7 | 53.6 | 53.0 | .1 | .7 |
| State Government Education[h] | 20.0 | 20.1 | 19.2 | -.1 | .8 |
| Local Government | 54.0 | 54.4 | 52.2 | -.4 | 1.9 |
| Local Government Education | 30.1 | 30.4 | 29.0 | -.3 | 1.1 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

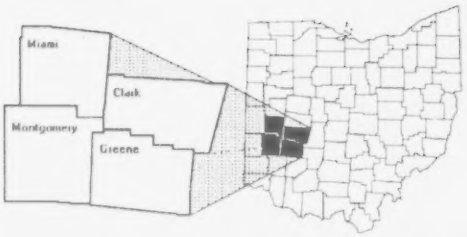
Not Seasonally Adjusted

Columbus MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $555.10 | $552.93 | $515.41 | 42.7 | 42.5 | 41.7 | $13.00 | $13.01 | $12.36 |
| Durable Goods[f] | 574.59 | 569.28 | 531.30 | 43.3 | 42.9 | 42.0 | 13.27 | 13.27 | 12.65 |
| Stone, Clay, and Glass Products | 549.56 | 554.02 | 539.68 | 44.0 | 43.9 | 44.2 | 12.49 | 12.62 | 12.21 |
| Glass and Glassware, Pressed or Blown | 491.77 | 492.74 | 454.99 | 42.8 | 41.9 | 41.4 | 11.49 | 11.76 | 10.99 |
| Fabricated Metal Products | 537.51 | 559.73 | 526.95 | 41.0 | 41.4 | 41.2 | 13.11 | 13.52 | 12.79 |
| Industrial Machinery and Equipment | 586.30 | 519.55 | 496.23 | 45.1 | 41.3 | 41.7 | 13.00 | 12.56 | 11.90 |
| Electronic and Other Electric Equipment | 573.34 | 566.80 | 511.28 | 43.8 | 43.4 | 41.1 | 13.09 | 13.06 | 12.44 |
| Transportation Equipment | 676.90 | 686.14 | 622.80 | 44.3 | 45.2 | 43.1 | 15.28 | 15.18 | 14.45 |
| Motor Vehicles and Equipment | 692.85 | 699.79 | 629.86 | 44.7 | 45.5 | 43.2 | 15.50 | 15.38 | 14.58 |
| Instruments and Related Products | 430.92 | 433.09 | 426.78 | 39.9 | 40.4 | 40.3 | 10.80 | 10.72 | 10.59 |
| Nondurable Goods[g] | 518.34 | 520.42 | 484.57 | 41.6 | 41.7 | 41.1 | 12.46 | 12.48 | 11.79 |
| Food and Kindred Products | 460.82 | 466.71 | 423.50 | 42.2 | 42.7 | 40.8 | 10.92 | 10.93 | 10.38 |
| Dairy Products | 642.69 | 623.38 | 608.96 | 44.6 | 43.9 | 44.0 | 14.41 | 14.20 | 13.94 |
| Printing and Publishing | 600.73 | 610.58 | 576.22 | 40.7 | 41.2 | 41.1 | 14.76 | 14.82 | 14.02 |
| Chemicals and Allied Products | 664.28 | 653.10 | 614.96 | 42.5 | 42.0 | 41.3 | 15.63 | 15.55 | 14.89 |
| Rubber and Miscellaneous Plastics Products | 397.54 | 401.88 | 392.37 | 40.4 | 40.8 | 41.0 | 9.84 | 9.85 | 9.57 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Transportation | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Trucking and Warehousing | 494.77 | 475.07 | 445.90 | 36.3 | 35.4 | 34.3 | 13.63 | 13.42 | 13.00 |
| Communications, Electric, Gas Services | 689.92 | 681.35 | 681.03 | 44.0 | 44.1 | 43.6 | 15.68 | 15.45 | 15.62 |
| Communications | 702.02 | 690.48 | 592.81 | 44.8 | 45.1 | 39.6 | 15.67 | 15.31 | 14.97 |
| Electric, Gas, and Sanitary Services | 669.96 | 665.26 | 825.79 | 42.7 | 42.4 | 50.2 | 15.69 | 15.69 | 16.45 |
| Wholesale Trade | 422.67 | 419.43 | 407.33 | 39.1 | 38.8 | 38.5 | 10.81 | 10.81 | 10.58 |
| Retail Trade[i] | 195.43 | 197.12 | 186.70 | 27.8 | 28.2 | 27.7 | 7.03 | 6.99 | 6.74 |
| General Merchandise Stores | 240.28 | 241.00 | 212.28 | 30.3 | 30.7 | 29.0 | 7.93 | 7.85 | 7.32 |
| Food Stores | 202.31 | 202.05 | 192.20 | 27.6 | 23.7 | 28.1 | 7.33 | 7.04 | 6.84 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 501.11 | 498.48 | 463.28 | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 309.71 | 308.83 | 300.26 | .... | .... | .... | ..... | ..... | ..... |
| Commercial Banks | 310.12 | 307.82 | 298.14 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Nursing and Personal Care Facilities | 249.96 | 253.59 | 231.28 | 31.6 | 32.1 | 31.9 | 7.91 | 7.90 | 7.25 |
| Hospitals | 390.35 | 403.37 | 399.84 | 33.5 | 34.3 | 33.6 | 11.67 | 11.76 | 11.90 |
| Engineering and Management Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Engineering and Architectural Services | 535.05 | 515.62 | 485.08 | 39.4 | 39.3 | 38.9 | 13.58 | 13.12 | 12.47 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

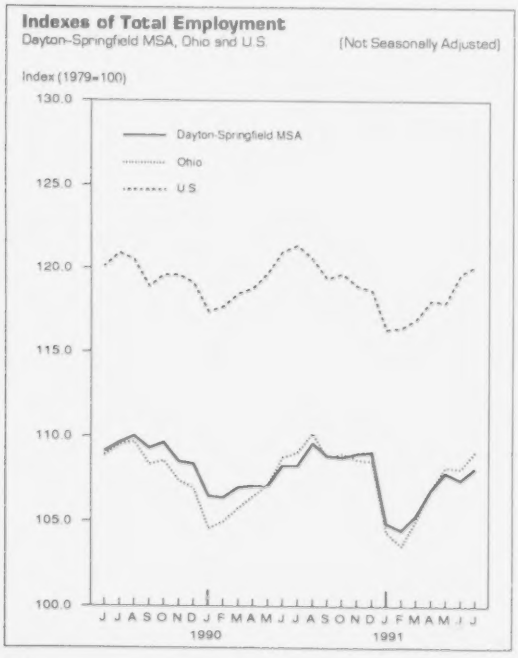
# Dayton-Springfield Metropolitan Statistical Area

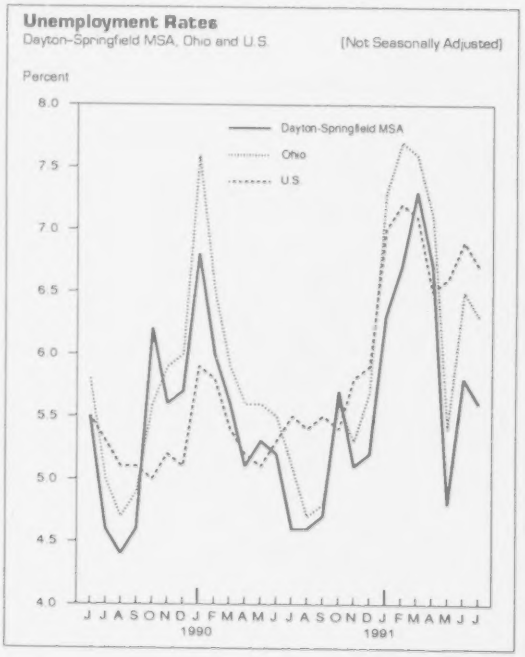



In the Dayton-Springfield metropolitan area, nonfarm payroll employment rose 1,300 above the July level to 450,300 in August 1991. More business in services and retail trade created 1,200 jobs in the service-producing sector. Nominal gains in construction and manufacturing raised employment in goods-producing industries 200 over the month to 116,200. Increases in fabricated metal products and paper and allied products counterbalanced declines in industrial machinery and equipment and food and kindred products. Factory production workers averaged $14.09 per hour, up 11 cents from July. Their average workweek of 42.7 hours was 0.5 hours longer.

Nonagricultural wage and salary employment decreased 400 between August 1990 and August 1991. Over-the-year cutbacks in manufacturing lowered the workforce in goods-producing industries 4,400. Noteworthy reductions were posted in industrial machinery and equipment, transportation equipment, printing and publishing, fabricated metal products, and electronic and other electric equipment. Employment in service-producing industries advanced 4,000 during the period. Expansion in services, especially health services, and in retail trade more than offset a decline in federal government.

Seasonally adjusted employment in the Dayton-Springfield area increased 1,000 from July to 453,000 in August 1991 mainly due to a gain in government. Total nonfarm payroll employment was unchanged from August 1990. Growth in services and retail trade counterbalanced a decline in manufacturing.



## Dayton-Springfield MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| INA | INA | INA | INA | 1980 | 397.1 | 110.9 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1981 | 393.2 | 109.9 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1982 | 374.3 | 97.3 | INA | INA | INA | INA |
| 438.5 | 391.9 | 46.6 | 10.6 | 1983 | 372.3 | 95.5 | INA | INA | INA | INA |
| 440.1 | 404.8 | 35.2 | 8.0 | 1984 | 392.7 | 103.7 | 67.7 | $480.91 | 42.9 | $11.21 |
| 450.4 | 418.1 | 32.4 | 7.2 | 1985 | 408.9 | 106.3 | 69.1 | 517.10 | 43.2 | 11.97 |
| 460.5 | 430.1 | 30.3 | 6.6 | 1986 | 419.4 | 105.7 | 68.2 | 514.88 | 42.8 | 12.03 |
| 463.8 | 437.7 | 26.2 | 5.6 | 1987 | 429.8 | 104.3 | 67.1 | 499.38 | 42.0 | 11.89 |
| 468.2 | 443.9 | 24.4 | 5.2 | 1988 | 437.7 | 105.0 | 67.5 | 548.14 | 43.4 | 12.63 |
| 478.2 | 453.8 | 24.4 | 5.1 | 1989 | 448.4 | 105.0 | 67.5 | 555.56 | 42.9 | 12.95 |
| 476.8 | 451.5 | 25.4 | 5.3 | 1990 | 452.2 | 102.6 | 66.4 | 565.40 | 42.1 | 13.43 |
| | | | | 1990 | | | | | | |
| 480.1 | 458.0 | 22.1 | 4.6 | August | 450.7 | 103.0 | 66.3 | 557.19 | 41.8 | 13.33 |
| 477.3 | 455.0 | 22.3 | 4.7 | September | 456.3 | 103.2 | 66.9 | 590.04 | 43.1 | 13.69 |
| 482.1 | 454.7 | 27.4 | 5.7 | October | 456.4 | 102.6 | 66.8 | 580.98 | 42.5 | 13.67 |
| 480.2 | 455.8 | 24.4 | 5.1 | November | 457.1 | 101.7 | 66.1 | 564.62 | 41.7 | 13.54 |
| 480.9 | 456.0 | 24.9 | 5.2 | December | 457.4 | 101.1 | 65.5 | 564.40 | 41.5 | 13.60 |
| | | | | 1991 | | | | | | |
| 468.2 | 438.6 | 29.6 | 6.3 | January | 445.6 | 100.1 | 64.6 | 562.51 | 41.3 | 13.62 |
| 468.1 | 436.7 | 31.4 | 6.7 | February | 445.1 | 98.7 | 63.3 | 545.66 | 40.6 | 13.44 |
| 475.2 | 440.5 | 34.7 | 7.3 | March | 446.0 | 96.9 | 61.6 | 551.86 | 41.0 | 13.46 |
| 478.7 | 446.8 | 31.9 | 6.7 | April | 449.7 | 97.4 | 62.1 | 562.63 | 41.4 | 13.59 |
| 473.7 | 451.2 | 22.5 | 4.8 | May | 453.3 | 98.7 | 63.6 | 573.12 | 41.5 | 13.81 |
| 477.3 | 449.5 | 27.8 | 5.8 | June | 454.0 | 99.3 | 63.9 | 593.89 | 42.3 | 14.04 |
| 479.2 | 452.4 | 26.8 | 5.6 | July | 449.0 | 98.5 | 62.9 | 589.96 | 42.2 | 13.98 |
| INA | INA | INA | INA | August | 450.3 | 98.6 | 63.1 | 601.64 | 42.7 | 14.09 |

INA – Information not available

## Dayton-Springfield MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 397 | 126 | 15 | 111 | 1980 | 271 | 16 | 17 | 66 | 16 | 82 | 75 |
| 393 | 123 | 13 | 110 | 1981 | 270 | 15 | 18 | 64 | 16 | 84 | 74 |
| 374 | 108 | 10 | 97 | 1982 | 266 | 14 | 18 | 62 | 16 | 85 | 72 |
| 372 | 106 | 11 | 96 | 1983 | 266 | 14 | 18 | 63 | 16 | 85 | 71 |
| 393 | 116 | 12 | 104 | 1984 | 277 | 15 | 19 | 67 | 16 | 89 | 71 |
| 409 | 120 | 13 | 106 | 1985 | 289 | 14 | 19 | 71 | 17 | 95 | 72 |
| 419 | 121 | 15 | 106 | 1986 | 298 | 15 | 19 | 75 | 17 | 100 | 73 |
| 430 | 121 | 16 | 104 | 1987 | 309 | 16 | 19 | 78 | 18 | 104 | 74 |
| 438 | 123 | 17 | 105 | 1988 | 315 | 17 | 20 | 79 | 18 | 108 | 73 |
| 448 | 123 | 18 | 105 | 1989 | 325 | 17 | 20 | 80 | 18 | 114 | 76 |
| 452 | 119 | 16 | 103 | 1990 | 333 | 18 | 20 | 82 | 17 | 118 | 77 |
| | | | | 1990 | | | | | | | |
| 453 | 119 | 16 | 103 | August | 334 | 18 | 20 | 82 | 17 | 118 | 78 |
| 452 | 118 | 16 | 102 | September | 334 | 19 | 20 | 82 | 17 | 119 | 77 |
| 452 | 118 | 15 | 102 | October | 334 | 18 | 20 | 82 | 17 | 119 | 77 |
| 452 | 117 | 15 | 101 | November | 334 | 19 | 20 | 82 | 17 | 119 | 77 |
| 452 | 117 | 15 | 101 | December | 335 | 19 | 20 | 82 | 18 | 120 | 77 |
| | | | | 1991 | | | | | | | |
| 451 | 117 | 15 | 101 | January | 334 | 18 | 20 | 83 | 18 | 119 | 77 |
| 452 | 116 | 16 | 100 | February | 336 | 18 | 20 | 83 | 18 | 120 | 77 |
| 450 | 114 | 16 | 98 | March | 336 | 19 | 20 | 83 | 18 | 120 | 77 |
| 450 | 114 | 16 | 98 | April | 336 | 19 | 20 | 83 | 18 | 120 | 76 |
| 452 | 115 | 16 | 99 | May | 337 | 19 | 20 | 83 | 18 | 121 | 77 |
| 452 | 115 | 16 | 99 | June | 337 | 19 | 20 | 83 | 18 | 121 | 76 |
| 452 | 114 | 16 | 98 | July | 338 | 19 | 20 | 84 | 18 | 121 | 76 |
| 453 | 114 | 16 | 98 | August | 338 | 19 | 20 | 84 | 18 | 121 | 77 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Dayton–Springfield MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 450.3 | 449.0 | 450.7 | 1.3 | -.4 |
| **Goods-Producing Industries**[e] | 116.2 | 116.1 | 120.6 | .2 | -4.4 |
| Construction | 17.2 | 17.1 | 17.1 | .1 | .0 |
| Manufacturing | 98.6 | 98.5 | 103.0 | .1 | -4.4 |
| Durable Goods[f] | 69.6 | 69.6 | 73.5 | .0 | -3.9 |
| Fabricated Metal Products | 7.8 | 7.7 | 8.3 | .1 | -.5 |
| Industrial Machinery and Equipment | 29.3 | 29.4 | 30.8 | -.1 | -1.5 |
| Metalworking Machinery | 7.7 | 7.6 | 8.4 | .1 | -.7 |
| General Industrial Machinery | 2.9 | 2.9 | 3.0 | .1 | -.1 |
| Electronic and Other Electric Equipment | 3.2 | 3.2 | 3.5 | .0 | -.4 |
| Transportation Equipment | 20.8 | 20.9 | 21.6 | .0 | -.8 |
| Motor Vehicles and Equipment | 18.1 | 18.2 | 18.5 | -.1 | -.5 |
| Nondurable Goods[g] | 29.0 | 28.9 | 29.5 | .1 | -.5 |
| Food and Kindred Products | 2.7 | 2.8 | 2.6 | -.1 | .1 |
| Paper and Allied Products | 6.5 | 6.3 | 6.5 | .1 | .0 |
| Printing and Publishing | 8.4 | 8.4 | 9.0 | .0 | -.6 |
| Rubber and Miscellaneous Plastics Products | 7.7 | 7.7 | 7.7 | .0 | .0 |
| **Service-Producing Industries** | 334.1 | 332.9 | 330.1 | 1.2 | 4.0 |
| Transportation and Public Utilities | 19.1 | 19.0 | 18.7 | .1 | .5 |
| Transportation | 12.5 | 12.3 | 12.1 | .1 | .3 |
| Trucking and Warehousing | 6.1 | 6.1 | 6.0 | .0 | .1 |
| Communications, Electric, Gas Services | 6.7 | 6.7 | 6.5 | .0 | .2 |
| Communications | 3.4 | 3.4 | 3.4 | .0 | .0 |
| Wholesale Trade | 20.1 | 20.2 | 19.8 | -.1 | .2 |
| Wholesale Trade-Durable Goods | 13.5 | 13.6 | 13.5 | -.1 | .0 |
| Wholesale Trade-Nondurable Goods | 6.5 | 6.6 | 6.3 | .0 | .2 |
| Retail Trade | 84.2 | 83.6 | 82.6 | .6 | 1.6 |
| General Merchandise Stores | 12.7 | 12.6 | 12.8 | .1 | -.1 |
| Finance, Insurance, and Real Estate | 17.9 | 18.0 | 17.6 | -.1 | .3 |
| Finance | 9.7 | 9.7 | 9.6 | .0 | .1 |
| Depository Institutions | 7.3 | 7.4 | 7.3 | .0 | .0 |
| Insurance | 4.7 | 4.7 | 4.4 | -.1 | .2 |
| Services | 120.9 | 120.2 | 118.5 | .7 | 2.4 |
| Business Services | 25.0 | 24.8 | 24.4 | .2 | .6 |
| Personnel Supply Services | 7.8 | 7.6 | 7.4 | .2 | .4 |
| Computer and Data Processing Services | 6.2 | 6.2 | 5.9 | .0 | .3 |
| Health Services | 40.4 | 40.3 | 39.4 | .0 | 1.0 |
| Nursing and Personal Care Facilities | 7.1 | 7.1 | 7.0 | .0 | .1 |
| Hospitals | 20.2 | 20.3 | 20.0 | -.1 | .3 |
| Educational Services | 5.6 | 5.7 | 5.5 | -.2 | .1 |
| Social Services | 6.6 | 6.5 | 6.2 | .1 | .4 |
| Engineering and Management Services | 10.4 | 10.4 | 10.6 | .0 | -.2 |
| Research and Testing Services | 3.3 | 3.3 | 3.3 | .1 | .0 |
| Government | 71.8 | 71.9 | 72.9 | -.1 | -1.0 |
| Federal Government | 28.0 | 28.2 | 29.1 | -.1 | -1.1 |
| State Government | 6.8 | 6.8 | 6.7 | .0 | .1 |
| State Government Education[h] | 3.9 | 3.9 | 3.7 | .0 | .2 |
| Local Government | 37.0 | 36.9 | 37.1 | .1 | -.1 |
| Local Government Education | 20.6 | 20.3 | 20.5 | .3 | .1 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

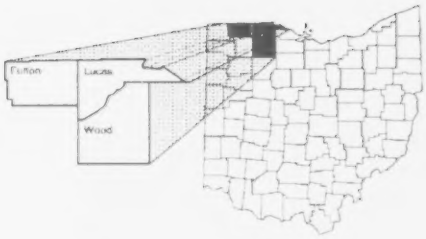
Not Seasonally Adjusted

Dayton–Springfield MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $601.64 | $589.96 | $557.19 | 42.7 | 42.2 | 41.8 | $14.09 | $13.98 | $13.33 |
| Durable Goods[f] | 626.98 | 612.16 | 577.30 | 43.3 | 42.6 | 42.2 | 14.48 | 14.37 | 13.68 |
| Fabricated Metal Products | 411.76 | 411.76 | 403.24 | 41.3 | 41.3 | 41.4 | 9.97 | 9.97 | 9.74 |
| Industrial Machinery and Equipment | 658.30 | 624.02 | 612.37 | 44.3 | 42.8 | 43.4 | 14.86 | 14.58 | 14.11 |
| Metalworking Machinery | 602.00 | 557.09 | 618.98 | 44.2 | 42.3 | 46.4 | 13.62 | 13.17 | 13.34 |
| General Industrial Machinery | 587.42 | 596.81 | 508.37 | 46.0 | 46.3 | 42.9 | 12.77 | 12.89 | 11.85 |
| Electronic and Other Electric Equipment | 379.32 | 377.98 | 380.46 | 42.1 | 41.4 | 42.7 | 9.01 | 9.13 | 8.91 |
| Transportation Equipment | 788.01 | 789.36 | 695.55 | 43.9 | 44.0 | 41.6 | 17.95 | 17.94 | 16.72 |
| Motor Vehicles and Equipment | 800.15 | 797.53 | 700.04 | 43.7 | 43.7 | 41.3 | 18.31 | 18.25 | 16.95 |
| Nondurable Goods[g] | 537.31 | 530.19 | 498.57 | 41.3 | 41.1 | 40.6 | 13.01 | 12.90 | 12.28 |
| Food and Kindred Products | 376.57 | 356.17 | 341.04 | 41.2 | 40.2 | 39.2 | 9.14 | 8.86 | 8.70 |
| Paper and Allied Products | 554.38 | 516.09 | 499.38 | 44.6 | 42.9 | 43.5 | 12.43 | 12.03 | 11.48 |
| Printing and Publishing | 481.51 | 479.16 | 452.78 | 39.5 | 39.6 | 38.6 | 12.19 | 12.10 | 11.73 |
| Rubber and Miscellaneous Plastics Products | 663.92 | 679.50 | 635.48 | 39.1 | 39.9 | 39.3 | 16.98 | 17.03 | 16.17 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 628.58 | 621.09 | 559.19 | 41.6 | 41.6 | 39.8 | 15.11 | 14.93 | 14.05 |
| Communications | 661.30 | 651.18 | 572.80 | 42.5 | 42.7 | 40.0 | 15.56 | 15.25 | 14.32 |
| Wholesale Trade | 394.35 | 393.35 | 393.82 | 39.2 | 39.1 | 39.5 | 10.06 | 10.06 | 9.97 |
| Retail Trade[f] | 183.30 | 186.68 | 179.32 | 28.2 | 28.5 | 28.6 | 6.50 | 6.55 | 6.27 |
| General Merchandise Stores | 200.33 | 205.10 | 186.87 | 28.7 | 29.3 | 28.1 | 6.98 | 7.00 | 6.65 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Depository Institutions | 279.11 | 285.47 | 276.95 | .... | .... | .... | ..... | ..... | ..... |
| Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Health Services | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Hospitals | 426.80 | 428.25 | 419.01 | 33.9 | 33.8 | 34.6 | 12.59 | 12.67 | 12.11 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

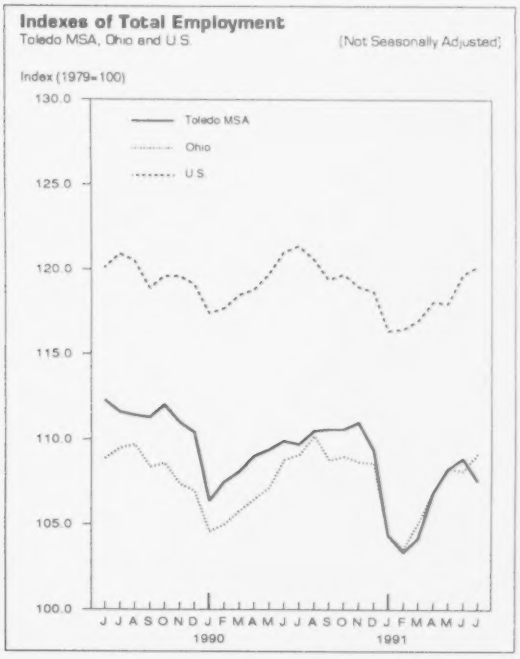
# Toledo Metropolitan Statistical Area

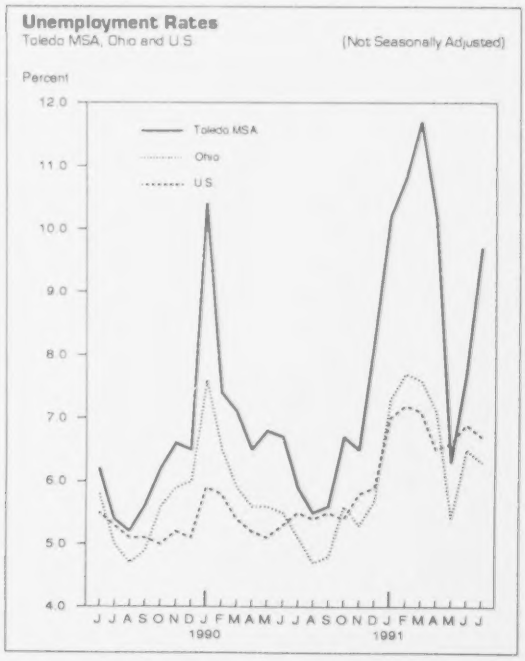



Nonfarm payroll employment in the Toledo metropolitan area rose 800 above the July level to 283,700 in August 1991. Modest gains in manufacturing and construction increased employment in goods-producing industries 800 over the month to 67,100. Seasonal hirings in food and kindred products and an improvement in transportation equipment outweighed a decline in fabricated metal products. The number of employees in service-producing industries was unchanged from July. Manufacturing production workers averaged $13.68 per hour, up fractionally from last month. Their average workweek of 43.2 hours was 0.9 hours longer.

Nonagricultural wage and salary employment dropped 4,700 between August 1990 and August 1991. Over-the-year cutbacks in durable-goods manufacturing, particularly transportation equipment (-4,800), lowered employment in the goods-producing sector 6,200. Moderate reductions were posted in stone, clay, and glass products and in primary metal industries. Expansion in service-producing industries created 1,500 jobs. Growth in services, especially health services, more than offset declines in retail trade and wholesale trade.

Seasonally adjusted employment in the Toledo area increased 1,000 from July to 287,000 in August 1991 mainly due to a gain in government. Since August 1990, nonfarm payroll employment fell 5,000. A significant drop in manufacturing (-6,000) negated moderate growth in services (+3,000).



## Toledo MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| INA | INA | INA | INA | 1980 | 257.0 | 66.4 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1981 | 254.2 | 65.8 | INA | INA | INA | INA |
| INA | INA | INA | INA | 1982 | 244.4 | 60.2 | INA | INA | INA | INA |
| 289.2 | 256.1 | 33.1 | 11.4 | 1983 | 245.3 | 59.6 | INA | INA | INA | INA |
| 293.5 | 267.3 | 26.2 | 8.9 | 1984 | 257.0 | 64.8 | 45.7 | $502.42 | 43.2 | $11.63 |
| 296.5 | 272.3 | 24.3 | 8.2 | 1985 | 264.5 | 65.7 | 46.2 | 523.55 | 42.6 | 12.29 |
| 307.1 | 281.2 | 25.8 | 8.4 | 1986 | 272.0 | 63.4 | 44.2 | 527.03 | 42.4 | 12.43 |
| 307.6 | 285.1 | 22.5 | 7.3 | 1987 | 278.0 | 62.2 | 43.7 | 540.60 | 42.5 | 12.72 |
| 311.0 | 292.7 | 18.2 | 5.9 | 1988 | 286.6 | 62.7 | 44.9 | 566.78 | 43.2 | 13.12 |
| 316.2 | 297.4 | 18.8 | 6.0 | 1989 | 291.9 | 61.5 | 43.9 | 576.81 | 43.5 | 13.26 |
| 313.9 | 292.1 | 21.8 | 6.9 | 1990 | 290.7 | 59.2 | 42.2 | 580.13 | 43.1 | 13.46 |
| | | | | 1990 | | | | | | |
| 312.3 | 295.2 | 17.1 | 5.5 | August | 288.4 | 60.4 | 43.5 | 584.87 | 43.1 | 13.57 |
| 312.9 | 295.4 | 17.5 | 5.6 | September | 294.4 | 61.1 | 44.2 | 610.94 | 44.4 | 13.76 |
| 316.7 | 295.4 | 21.2 | 6.7 | October | 294.8 | 59.5 | 42.8 | 585.30 | 43.1 | 13.58 |
| 317.3 | 296.6 | 20.7 | 6.5 | November | 295.7 | 59.5 | 42.5 | 595.88 | 43.4 | 13.73 |
| 318.4 | 292.3 | 26.1 | 8.2 | December | 291.4 | 55.2 | 38.4 | 573.52 | 42.8 | 13.40 |
| | | | | 1991 | | | | | | |
| 310.7 | 279.0 | 31.7 | 10.2 | January | 281.7 | 53.9 | 37.2 | 566.95 | 42.5 | 13.34 |
| 309.6 | 276.2 | 33.4 | 10.8 | February | 280.0 | 52.9 | 36.2 | 561.26 | 42.2 | 13.30 |
| 315.2 | 278.4 | 36.8 | 11.7 | March | 280.4 | 50.1 | 33.5 | 549.87 | 42.2 | 13.03 |
| 318.2 | 285.6 | 32.6 | 10.2 | April | 285.7 | 53.1 | 36.5 | 570.97 | 42.2 | 13.53 |
| 308.8 | 289.4 | 19.4 | 6.3 | May | 288.9 | 53.4 | 36.8 | 570.88 | 42.1 | 13.56 |
| 315.2 | 290.9 | 24.3 | 7.7 | June | 292.1 | 58.3 | 41.6 | 586.18 | 41.9 | 13.99 |
| 318.4 | 287.6 | 30.8 | 9.7 | July | 282.9 | 53.9 | 37.2 | 577.82 | 42.3 | 13.66 |
| INA | INA | INA | INA | August | 283.7 | 54.6 | 37.9 | 590.98 | 43.2 | 13.68 |

INA – Information not available

## Toledo MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods–Producing Industries | Construction | Manufacturing | | Service–Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 257 | 77 | 10 | 66 | 1980 | 180 | 16 | 14 | 46 | 9 | 54 | 40 |
| 254 | 76 | 9 | 66 | 1981 | 179 | 16 | 14 | 46 | 9 | 55 | 39 |
| 244 | 68 | 7 | 60 | 1982 | 177 | 14 | 14 | 44 | 9 | 57 | 38 |
| 245 | 67 | 7 | 60 | 1983 | 178 | 14 | 14 | 44 | 9 | 58 | 39 |
| 257 | 73 | 8 | 65 | 1984 | 184 | 14 | 15 | 47 | 10 | 59 | 39 |
| 265 | 74 | 9 | 66 | 1985 | 190 | 14 | 15 | 50 | 10 | 62 | 40 |
| 272 | 73 | 9 | 63 | 1986 | 199 | 14 | 15 | 52 | 11 | 67 | 41 |
| 278 | 73 | 10 | 62 | 1987 | 206 | 14 | 15 | 54 | 12 | 70 | 42 |
| 287 | 74 | 11 | 63 | 1988 | 213 | 13 | 15 | 57 | 12 | 73 | 42 |
| 292 | 74 | 12 | 62 | 1989 | 218 | 14 | 16 | 58 | 12 | 75 | 43 |
| 291 | 71 | 12 | 59 | 1990 | 219 | 15 | 15 | 57 | 12 | 77 | 44 |
| | | | | 1990 | | | | | | | |
| 292 | 72 | 12 | 60 | August | 220 | 15 | 15 | 57 | 12 | 77 | 44 |
| 291 | 72 | 12 | 60 | September | 220 | 15 | 15 | 57 | 12 | 77 | 44 |
| 290 | 71 | 11 | 59 | October | 220 | 15 | 15 | 57 | 12 | 77 | 44 |
| 291 | 71 | 11 | 59 | November | 220 | 15 | 15 | 57 | 12 | 77 | 44 |
| 287 | 67 | 11 | 56 | December | 220 | 15 | 15 | 56 | 12 | 75 | 44 |
| | | | | 1991 | | | | | | | |
| 287 | 66 | 11 | 55 | January | 221 | 15 | 15 | 56 | 12 | 78 | 44 |
| 285 | 65 | 11 | 54 | February | 220 | 15 | 15 | 56 | 12 | 78 | 43 |
| 283 | 62 | 11 | 51 | March | 221 | 15 | 15 | 56 | 12 | 79 | 44 |
| 286 | 65 | 11 | 53 | April | 221 | 15 | 15 | 56 | 12 | 79 | 44 |
| 287 | 65 | 11 | 54 | May | 222 | 15 | 15 | 56 | 12 | 79 | 44 |
| 291 | 70 | 11 | 58 | June | 222 | 14 | 15 | 56 | 12 | 80 | 44 |
| 286 | 65 | 11 | 54 | July | 221 | 14 | 15 | 56 | 12 | 80 | 43 |
| 287 | 65 | 11 | 54 | August | 221 | 14 | 15 | 56 | 12 | 80 | 44 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Toledo MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 283.7 | 282.9 | 288.4 | .8 | -4.7 |
| **Goods-Producing Industries**[e] | 67.1 | 66.3 | 73.3 | .8 | -6.2 |
| Construction | 12.3 | 12.2 | 12.6 | .1 | -.3 |
| Manufacturing | 54.6 | 53.9 | 60.4 | .7 | -5.9 |
| Durable Goods[f] | 39.0 | 38.9 | 45.1 | .1 | -6.2 |
| Stone, Clay, and Glass Products | 7.4 | 7.3 | 8.1 | .1 | -.8 |
| Primary Metal Industries | 2.9 | 3.0 | 3.3 | -.1 | -.4 |
| Fabricated Metal Products | 6.3 | 6.5 | 6.6 | -.2 | -.3 |
| Metal Forgings and Stampings | 2.4 | 2.5 | 2.4 | -.1 | .0 |
| Industrial Machinery and Equipment | 5.5 | 5.6 | 5.8 | -.1 | -.3 |
| Transportation Equipment | 9.6 | 9.3 | 14.4 | .4 | -4.8 |
| Nondurable Goods[g] | 15.6 | 15.0 | 15.3 | .6 | .3 |
| Food and Kindred Products | 4.2 | 3.6 | 3.8 | .5 | .3 |
| Rubber and Miscellaneous Plastics Products | 3.8 | 3.8 | 3.8 | .0 | .1 |
| **Service-Producing Industries** | 216.6 | 216.6 | 215.1 | .0 | 1.5 |
| Transportation and Public Utilities | 14.8 | 14.7 | 14.9 | .1 | -.1 |
| Transportation | 10.0 | 9.9 | 10.1 | .1 | -.1 |
| Communications, Electric, Gas Services | 4.8 | 4.8 | 4.8 | .0 | .0 |
| Wholesale Trade | 15.0 | 15.2 | 15.4 | -.1 | -.3 |
| Wholesale Trade-Durable Goods | 9.8 | 9.8 | 10.0 | .0 | -.3 |
| Wholesale Trade-Nondurable Goods | 5.3 | 5.4 | 5.3 | -.1 | -.1 |
| Retail Trade | 56.6 | 56.5 | 57.5 | .1 | -.9 |
| General Merchandise Stores | 8.2 | 8.3 | 8.5 | -.1 | -.3 |
| Finance, Insurance, and Real Estate | 12.2 | 12.2 | 12.2 | .0 | -.1 |
| Finance | 6.2 | 6.2 | 6.2 | .0 | 0 |
| Insurance | 3.7 | 3.8 | 3.8 | -.1 | 0 |
| Services | 80.4 | 80.4 | 77.6 | .0 | 2.8 |
| Business Services | 13.2 | 13.3 | 13.0 | -.1 | .2 |
| Personnel Supply Services | 5.2 | 5.2 | 4.9 | .0 | .3 |
| Health Services | 29.6 | 29.5 | 28.1 | .1 | 1.5 |
| Nursing and Personal Care Facilities | 4.3 | 4.2 | 4.1 | .0 | .1 |
| Hospitals | 15.9 | 15.9 | 15.2 | .0 | .7 |
| Engineering and Management Services | 6.4 | 6.4 | 6.2 | .0 | .2 |
| Government | 37.6 | 37.6 | 37.5 | .0 | .1 |
| Federal Government | 2.4 | 2.4 | 2.6 | .0 | -.2 |
| State Government | 12.7 | 12.7 | 12.6 | .0 | .0 |
| State Government Education[h] | 8.3 | 8.7 | 8.2 | -.3 | .2 |
| Local Government | 22.5 | 22.6 | 22.3 | .0 | .3 |
| Local Government Education | 11.8 | 11.8 | 11.5 | .0 | .3 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

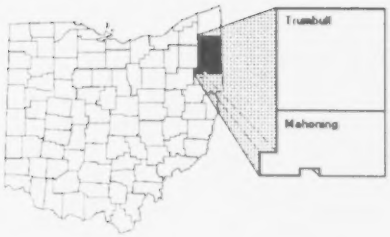
Not Seasonally Adjusted

Toledo MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $590.98 | $577.82 | $584.87 | 43.2 | 42.3 | 43.1 | $13.68 | $13.66 | $13.57 |
| Durable Goods[f] | 588.59 | 576.45 | 596.67 | 42.9 | 42.2 | 43.3 | 13.72 | 13.66 | 13.78 |
| Stone, Clay, and Glass Products | 541.44 | 546.84 | 538.36 | 41.3 | 42.0 | 43.0 | 13.11 | 13.02 | 12.52 |
| Primary Metal Industries | 583.74 | 588.13 | 503.53 | 47.0 | 46.9 | 43.0 | 12.42 | 12.54 | 11.71 |
| Fabricated Metal Products | 579.80 | 516.94 | 549.32 | 44.6 | 40.8 | 46.2 | 13.00 | 12.67 | 11.89 |
| Metal Forgings and Stampings | 809.98 | 721.10 | 759.01 | 46.1 | 41.9 | 44.7 | 17.57 | 17.21 | 16.98 |
| Industrial Machinery and Equipment | 505.90 | 482.21 | 473.34 | 42.8 | 40.9 | 40.7 | 11.82 | 11.79 | 11.63 |
| Transportation Equipment | 743.39 | 763.52 | 760.19 | 41.6 | 42.3 | 42.9 | 17.87 | 18.05 | 17.72 |
| Nondurable Goods[g] | 597.08 | 582.43 | 548.69 | 44.0 | 42.7 | 42.6 | 13.57 | 13.64 | 12.88 |
| Food and Kindred Products | 775.66 | 799.42 | 664.76 | 50.4 | 48.1 | 45.5 | 15.39 | 16.62 | 14.61 |
| Rubber and Miscellaneous Plastics Products | 336.88 | 343.48 | 371.69 | 40.2 | 40.6 | 40.8 | 8.38 | 8.46 | 9.11 |
| Transportation and Public Utilities | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Communications, Electric, Gas Services | 670.96 | 678.51 | 629.43 | 42.9 | 43.3 | 40.4 | 15.64 | 15.67 | 15.58 |
| Wholesale Trade | 419.89 | 430.12 | 416.80 | 39.5 | 39.9 | 40.0 | 10.63 | 10.78 | 10.42 |
| Retail Trade[i] | 172.53 | 177.93 | 166.12 | 27.0 | 27.5 | 27.1 | 6.39 | 6.47 | 6.13 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 352.55 | 357.02 | 352.93 | ..... | ..... | ..... | ..... | ..... | ..... |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [h]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor- management disputes.

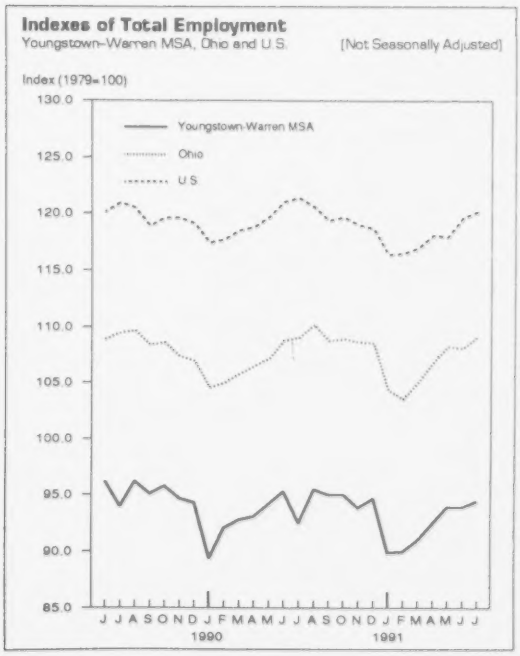
# Youngstown-Warren Metropolitan Statistical Area

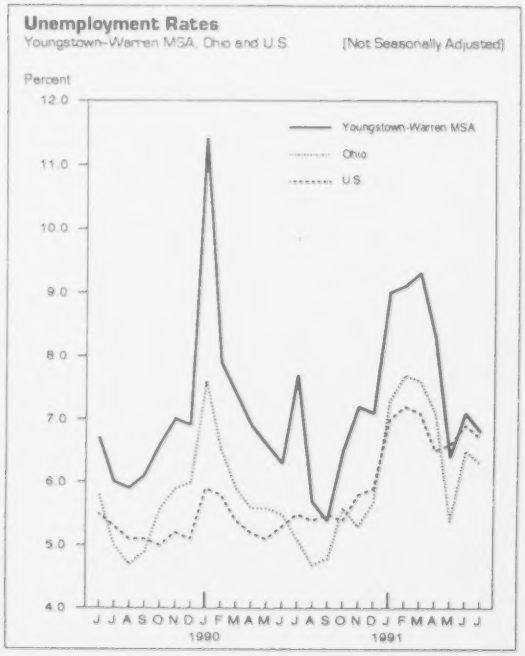



Nonagricultural payroll employment in the Youngstown-Warren metropolitan area rose 800 above the July level to 198,700 in August 1991. Improvements in durable-goods manufacturing, particularly primary metal industries, and modest gains in construction raised employment in goods-producing industries 1,000 over the month to 58,000. The workforce in service-producing industries decreased 200 due to nominal declines in services and local government. Manufacturing production workers averaged $15.25 per hour, up 11 cents from July. Their average workweek of 41.5 hours was 1.1 hours longer.

Nonfarm wage and salary employment advanced 600 between August 1990 and August 1991. Expansion in service-producing industries created 1,200 jobs. Growth in services more than offset decreases in transportation and public utilities and retail trade. Employment in goods-producing industries declined 600 from the year-ago level. Cutbacks among manufacturers of durable goods, especially industrial machinery and equipment and fabricated metal products, and reductions in construction outweighed gains in nondurable-goods manufacturing.

Seasonally adjusted employment in the Youngstown-Warren area was on par with July at 199,000 in August 1991. Scattered increases counterbalanced declines in manufacturing and government. Total nonfarm payroll employment was unchanged from the August 1990 level, although modest growth was posted in services.



## Youngstown-Warren MSA Labor Force and Employment Data

(Employed and Unemployed in Thousands)

| Civilian Labor Force | | | | | Nonagricultural Wage & Salary Employment | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Manufacturing Employment | | | | |
| | | | | | | | Manufacturing Production Workers | | | |
| | | | | | | | | Hours & Earnings | | |
| Total | Employed | Unemployed | | | | | | Average Weekly Earnings | Average Weekly Hours | Average Hourly Earnings |
| | | Total | Rate | | | | | | | |
| 238.9 | 210.5 | 28.4 | 11.9 | 1980 | 203.1 | 70.8 | 54.1 | $409.77 | 39.9 | $10.27 |
| 234.0 | 205.7 | 28.2 | 12.1 | 1981 | 198.7 | 67.3 | 50.8 | 474.10 | 40.8 | 11.62 |
| 237.0 | 190.3 | 46.6 | 19.7 | 1982 | 180.6 | 52.9 | 38.1 | 460.60 | 39.3 | 11.72 |
| 225.6 | 188.1 | 37.5 | 16.6 | 1983 | 177.4 | 52.8 | 36.6 | 521.20 | 42.1 | 12.38 |
| 222.2 | 195.9 | 26.3 | 11.8 | 1984 | 182.5 | 55.1 | 41.8 | 555.97 | 43.3 | 12.84 |
| 221.3 | 196.3 | 25.0 | 11.3 | 1985 | 184.2 | 52.7 | 39.6 | 570.64 | 43.1 | 13.24 |
| 223.7 | 200.0 | 23.7 | 10.6 | 1986 | 187.1 | 51.7 | 38.7 | 553.28 | 41.6 | 13.30 |
| 221.6 | 200.0 | 21.6 | 9.7 | 1987 | 188.3 | 48.9 | 36.7 | 567.91 | 42.7 | 13.30 |
| 221.3 | 204.9 | 16.4 | 7.4 | 1988 | 193.8 | 50.5 | 38.5 | 574.86 | 42.3 | 13.59 |
| 223.2 | 208.4 | 14.9 | 6.7 | 1989 | 197.5 | 50.0 | 37.9 | 599.63 | 42.8 | 14.01 |
| 221.8 | 205.9 | 15.9 | 7.2 | 1990 | 197.7 | 48.0 | 35.6 | 625.98 | 42.7 | 14.66 |
| | | | | 1990 | | | | | | |
| 222.8 | 210.0 | 12.8 | 5.7 | August | 198.1 | 48.7 | 36.2 | 605.48 | 41.7 | 14.52 |
| 220.9 | 209.0 | 11.9 | 5.4 | September | 200.8 | 49.4 | 37.1 | 682.12 | 44.7 | 15.26 |
| 223.3 | 208.8 | 14.5 | 6.5 | October | 201.0 | 48.9 | 36.7 | 664.02 | 43.4 | 15.30 |
| 222.4 | 206.4 | 16.1 | 7.2 | November | 198.4 | 47.0 | 34.5 | 659.89 | 43.3 | 15.24 |
| 224.3 | 208.3 | 16.0 | 7.1 | December | 200.4 | 48.2 | 35.7 | 641.21 | 41.8 | 15.34 |
| | | | | 1991 | | | | | | |
| 217.4 | 197.8 | 19.6 | 9.0 | January | 192.7 | 46.3 | 34.0 | 655.19 | 42.6 | 15.38 |
| 217.8 | 197.9 | 19.9 | 9.1 | February | 193.7 | 47.5 | 35.2 | 645.54 | 42.0 | 15.37 |
| 220.6 | 200.0 | 20.6 | 9.3 | March | 194.5 | 47.0 | 34.8 | 651.42 | 42.3 | 15.40 |
| 221.8 | 203.4 | 18.4 | 8.3 | April | 196.4 | 47.6 | 35.4 | 627.06 | 41.2 | 15.22 |
| 220.7 | 206.7 | 14.0 | 6.4 | May | 199.3 | 47.9 | 35.7 | 629.41 | 41.3 | 15.24 |
| 222.5 | 206.7 | 15.8 | 7.1 | June | 200.4 | 48.3 | 36.1 | 658.32 | 42.2 | 15.60 |
| 223.0 | 207.8 | 15.2 | 6.8 | July | 197.8 | 47.9 | 35.6 | 611.66 | 40.4 | 15.14 |
| INA | INA | INA | INA | August | 198.7 | 48.6 | 36.3 | 632.88 | 41.5 | 15.25 |

INA – Information not available

## Youngstown-Warren MSA Nonagricultural Wage and Salary Employment

Seasonally Adjusted

(In Thousands)

| Total | Goods-Producing Industries | Construction | Manufacturing | | Service-Producing Industries | Transportation & Public Utilities | Wholesale Trade | Retail Trade | Finance, Insurance, & Real Estate | Services | Government |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 203 | 78 | 7 | 71 | 1980 | 125 | 10 | 8 | 37 | 7 | 38 | 26 |
| 199 | 75 | 6 | 67 | 1981 | 124 | 9 | 8 | 36 | 7 | 39 | 25 |
| 181 | 59 | 5 | 53 | 1982 | 121 | 8 | 8 | 35 | 7 | 39 | 24 |
| 177 | 58 | 5 | 53 | 1983 | 119 | 8 | 8 | 34 | 7 | 39 | 24 |
| 182 | 61 | 6 | 55 | 1984 | 121 | 8 | 8 | 35 | 7 | 40 | 23 |
| 184 | 60 | 6 | 53 | 1985 | 124 | 8 | 9 | 37 | 7 | 41 | 23 |
| 187 | 59 | 7 | 52 | 1986 | 128 | 8 | 9 | 37 | 8 | 43 | 24 |
| 188 | 57 | 7 | 49 | 1987 | 131 | 8 | 10 | 39 | 8 | 44 | 24 |
| 194 | 58 | 7 | 51 | 1988 | 135 | 8 | 10 | 40 | 8 | 45 | 24 |
| 197 | 58 | 8 | 50 | 1989 | 139 | 8 | 11 | 42 | 9 | 46 | 24 |
| 198 | 57 | 8 | 48 | 1990 | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| | | | | 1990 | | | | | | | |
| 199 | 58 | 8 | 49 | August | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 198 | 57 | 8 | 48 | September | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 198 | 57 | 8 | 48 | October | 142 | 7 | 11 | 42 | 8 | 48 | 25 |
| 197 | 55 | 8 | 47 | November | 141 | 7 | 11 | 42 | 8 | 48 | 24 |
| 199 | 57 | 8 | 48 | December | 142 | 7 | 11 | 42 | 8 | 48 | 24 |
| | | | | 1991 | | | | | | | |
| 198 | 56 | 8 | 48 | January | 142 | 7 | 11 | 42 | 8 | 48 | 24 |
| 198 | 56 | 8 | 48 | February | 142 | 7 | 11 | 42 | 8 | 48 | 24 |
| 197 | 55 | 8 | 47 | March | 142 | 7 | 11 | 42 | 8 | 48 | 24 |
| 197 | 56 | 8 | 48 | April | 141 | 7 | 11 | 42 | 8 | 49 | 24 |
| 197 | 56 | 8 | 47 | May | 141 | 7 | 11 | 42 | 8 | 49 | 24 |
| 197 | 56 | 8 | 47 | June | 142 | 7 | 11 | 42 | 8 | 49 | 25 |
| 199 | 58 | 8 | 50 | July | 142 | 7 | 11 | 42 | 8 | 49 | 25 |
| 199 | 57 | 8 | 49 | August | 142 | 7 | 11 | 42 | 8 | 49 | 24 |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

| | Employment (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 198.7 | 197.8 | 198.1 | .8 | .6 |
| **Goods-Producing Industries**[e] | 58.0 | 56.9 | 58.6 | 1.0 | -.6 |
| Construction | 9.0 | 8.7 | 9.4 | .3 | -.4 |
| Manufacturing | 48.6 | 47.9 | 48.7 | .7 | -.1 |
| Durable Goods[f] | 42.6 | 42.0 | 43.2 | .6 | -.6 |
| Primary Metal Industries | 18.3 | 17.7 | 18.4 | .7 | -.1 |
| Blast Furnace and Basic Steel Products | 6.5 | 6.4 | 6.4 | .1 | .1 |
| Fabricated Metal Products | 7.0 | 7.0 | 7.3 | .0 | -.3 |
| Metal Forgings and Stampings | 3.6 | 3.6 | 3.8 | -.1 | -.2 |
| Industrial Machinery and Equipment | 4.0 | 4.0 | 4.3 | .0 | -.4 |
| Transportation Equipment | 8.6 | 8.6 | 8.3 | .0 | .3 |
| Nondurable Goods[g] | 6.0 | 5.9 | 5.5 | .1 | .5 |
| **Service-Producing Industries** | 140.7 | 140.9 | 139.5 | -.2 | 1.2 |
| Transportation and Public Utilities | 7.1 | 7.0 | 7.4 | .1 | -.3 |
| Wholesale Trade | 11.5 | 11.5 | 11.4 | .0 | .0 |
| Wholesale Trade-Durable Goods | 6.7 | 6.7 | 6.8 | .0 | -.1 |
| Wholesale Trade-Nondurable Goods | 4.8 | 4.8 | 4.7 | .0 | .1 |
| Retail Trade | 42.3 | 42.3 | 42.6 | .1 | -.3 |
| General Merchandise Stores | 5.3 | 5.3 | 5.6 | .0 | -.3 |
| Finance, Insurance, and Real Estate | 8.4 | 8.4 | 8.4 | .0 | .0 |
| Finance | 4.8 | 4.8 | 4.7 | .0 | .1 |
| Services | 49.6 | 49.7 | 48.0 | -.2 | 1.6 |
| Health Services | 22.0 | 21.9 | 21.6 | .1 | .4 |
| Nursing and Personal Care Facilities | 5.1 | 5.1 | 5.1 | .0 | .1 |
| Hospitals | 10.8 | 10.8 | 10.7 | .0 | .1 |
| Government | 21.8 | 22.0 | 21.7 | -.2 | .1 |
| State Government | 3.3 | 3.4 | 3.5 | .0 | -.1 |
| State Government Education[h] | 1.8 | 1.9 | 1.9 | -.1 | -.1 |
| Local Government | 16.4 | 16.6 | 16.2 | -.2 | .2 |
| Local Government Education | 9.5 | 9.6 | 9.2 | -.1 | .3 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Youngstown–Warren MSA

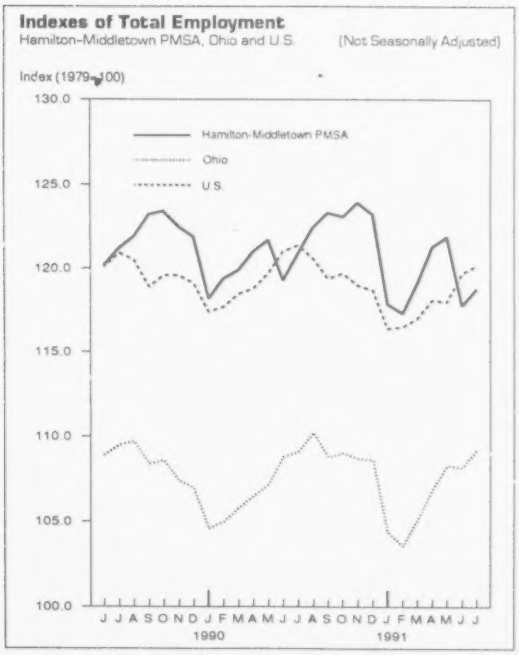
| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $632.88 | $611.66 | $605.48 | 41.5 | 40.4 | 41.7 | $15.25 | $15.14 | $14.52 |
| Durable Goods[f] | 654.04 | 630.59 | 621.98 | 41.5 | 40.5 | 41.8 | 15.76 | 15.57 | 14.88 |
| Primary Metal Industries | 693.45 | 654.05 | 685.95 | 41.9 | 40.2 | 42.5 | 16.55 | 16.27 | 16.14 |
| Blast Furnace and Basic Steel Products | 657.34 | 622.86 | 667.34 | 46.0 | 44.3 | 46.7 | 14.29 | 14.06 | 14.29 |
| Fabricated Metal Products | 644.70 | 635.65 | 589.11 | 42.0 | 41.6 | 41.9 | 15.35 | 15.28 | 14.06 |
| Metal Forgings and Stampings | 768.28 | 766.86 | 696.21 | 41.8 | 41.7 | 42.4 | 18.38 | 18.39 | 16.42 |
| Industrial Machinery and Equipment | 505.00 | 490.30 | 507.58 | 40.4 | 39.7 | 41.2 | 12.50 | 12.35 | 12.32 |
| Transportation Equipment | 721.41 | 705.74 | 678.40 | 41.2 | 40.7 | 42.4 | 17.51 | 17.34 | 16.00 |
| Nondurable Goods[g] | 445.26 | 437.63 | 440.23 | 41.0 | 38.9 | 40.8 | 10.86 | 11.25 | 10.79 |
| Wholesale Trade | 397.50 | 392.77 | 378.33 | 37.5 | 37.3 | 38.1 | 10.60 | 10.53 | 9.93 |
| Retail Trade[i] | 184.55 | 189.06 | 191.61 | 27.1 | 27.4 | 27.6 | 6.81 | 6.90 | 6.58 |
| Finance, Insurance, and Real Estate | ..... | ..... | ..... | .... | .... | .... | ..... | ..... | ..... |
| Finance | 236.48 | 234.98 | 231.02 | .... | .... | .... | ..... | ..... | ..... |

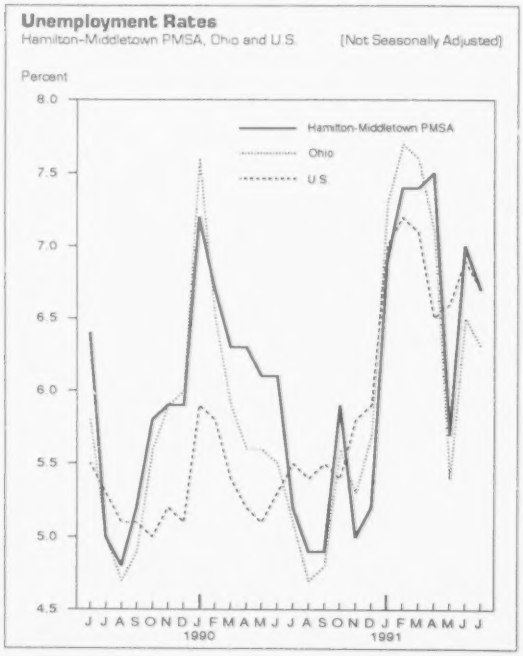
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes mining. [f]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; electronic and other electric equipment; instruments and related products; miscellaneous manufacturing industries. [g]Includes food and kindred products; tobacco products; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

# Hamilton-Middletown Primary Metropolitan Statistical Area

Nonagricultural payroll employment in the Hamilton-Middletown metropolitan area rose 900 above the July level to 93,800 in August 1991. Employment in goods-producing industries increased 600 over the month to 26,600 due to growth in manufacturing, especially primary metal industries and paper and allied products, and more business in construction and mining. Scattered gains raised employment in the service-producing sector 300. Manufacturing production workers averaged $15.02 per hour, down fractionally from July. Their average workweek of 45.2 hours was 1.2 hours shorter.

Nonfarm wage and salary employment dropped 700 between August 1990 and August 1991. Cutbacks among manufacturers of durable goods, particularly fabricated metal products and primary metal industries, and declines in construction and mining lowered employment in goods-producing industries 1,100. Service-producing industries added 400 jobs during the period as expansion in services, primarily health services, and in state and local government outweighed reductions in retail trade.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jul. 1991[b] | Jun. 1991[c] | Jul. 1990[c] | From Last Month | From Last Year |
| Civilian Labor Force | 130.8 | 130.1 | 131.0 | .6 | -.3 |
| Employment | 122.0 | 121.0 | 124.2 | 1.0 | -2.2 |
| Unemployment | 8.8 | 9.1 | 6.8 | -.3 | 2.0 |
| Unemployment Rate | 6.7 | 7.0 | 5.2 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Hamilton–Middletown PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 93.8 | 93.0 | 94.5 | .9 | -.7 |
| **Goods–Producing Industries** | 26.6 | 26.1 | 27.7 | .6 | -1.1 |
| Construction and Mining | 6.1 | 5.9 | 6.3 | .2 | -.2 |
| Manufacturing | 20.5 | 20.2 | 21.5 | .4 | -.9 |
| Durable Goods | 14.2 | 13.9 | 15.1 | .2 | -.9 |
| Primary Metal Industries | 6.3 | 6.2 | 6.6 | .2 | -.2 |
| Fabricated Metal Products | 2.3 | 2.3 | 2.6 | .0 | -.3 |
| Industrial Machinery and Equipment | 2.4 | 2.3 | 2.4 | .0 | .0 |
| Nondurable Goods | 6.4 | 6.3 | 6.4 | .1 | .0 |
| Paper and Allied Products | 4.5 | 4.4 | 4.6 | .1 | -.1 |
| Paper Mills | 3.2 | 3.2 | 3.4 | .0 | -.2 |
| **Service–Producing Industries** | 67.2 | 66.9 | 66.8 | .3 | .4 |
| Transportation and Public Utilities | 3.4 | 3.3 | 3.4 | .1 | .0 |
| Wholesale Trade | 5.9 | 6.0 | 5.9 | -.1 | .0 |
| Wholesale Trade–Durable Goods | 4.0 | 4.1 | 4.0 | -.1 | .0 |
| Retail Trade | 17.7 | 17.6 | 17.9 | .1 | -.3 |
| Food Stores | 3.4 | 3.5 | 3.5 | .0 | .0 |
| Finance, Insurance, and Real Estate | 4.5 | 4.5 | 4.6 | .0 | -.1 |
| Services | 20.6 | 20.6 | 20.2 | .0 | .4 |
| Health Services | 9.2 | 9.1 | 8.7 | .0 | .5 |
| Government | 15.1 | 15.0 | 14.8 | .1 | .3 |
| State Government (Includes Education) | 4.2 | 4.2 | 4.0 | .1 | .2 |
| Local Government | 10.2 | 10.1 | 10.1 | .1 | .1 |
| Local Government Education | 6.5 | 6.3 | 6.5 | .3 | .0 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

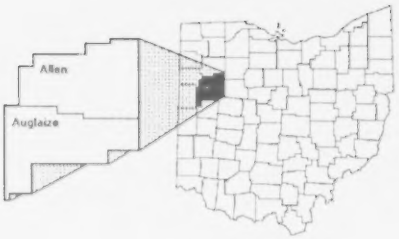
Not Seasonally Adjusted

Hamilton–Middletown PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $678.90 | $697.39 | $636.96 | 45.2 | 46.4 | 45.4 | $15.02 | $15.03 | $14.03 |
| Durable Goods | 710.45 | 733.35 | 657.10 | 45.6 | 47.1 | 45.6 | 15.58 | 15.57 | 14.41 |
| Primary Metal Industries | 844.19 | 886.60 | 775.66 | 49.6 | 52.0 | 48.6 | 17.02 | 17.05 | 15.96 |
| Fabricated Metal Products | 508.65 | 506.57 | 487.58 | 39.4 | 39.7 | 39.9 | 12.91 | 12.76 | 12.22 |
| Industrial Machinery and Equipment | 637.02 | 662.16 | 604.97 | 43.1 | 44.5 | 46.5 | 14.78 | 14.88 | 13.01 |
| Nondurable Goods | 598.03 | 605.22 | 583.34 | 44.2 | 44.6 | 44.7 | 13.53 | 13.57 | 13.05 |
| Paper and Allied Products | 640.79 | 643.11 | 607.26 | 46.3 | 46.3 | 45.9 | 13.84 | 13.89 | 13.23 |
| Paper Mills | 646.70 | 646.73 | 598.53 | 45.8 | 45.9 | 44.7 | 14.12 | 14.09 | 13.39 |
| Wholesale Trade | 424.36 | 449.03 | 439.32 | 40.3 | 40.2 | 42.0 | 10.53 | 11.17 | 10.46 |
| Retail Trade[j] | 179.58 | 187.81 | 177.56 | 27.5 | 28.2 | 28.5 | 6.53 | 6.66 | 6.23 |

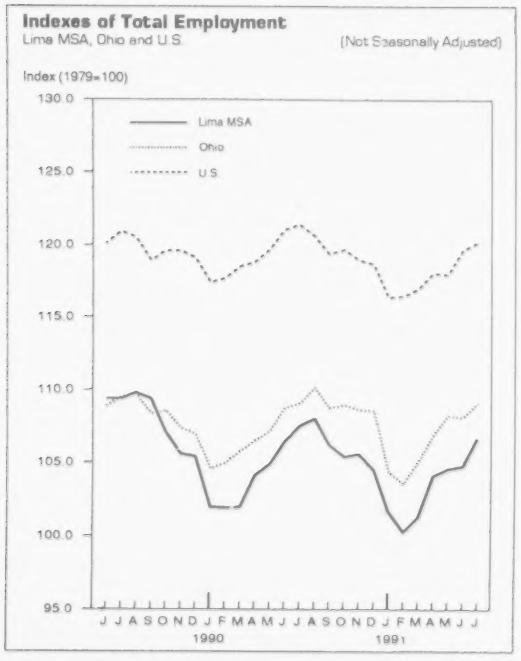
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [j]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

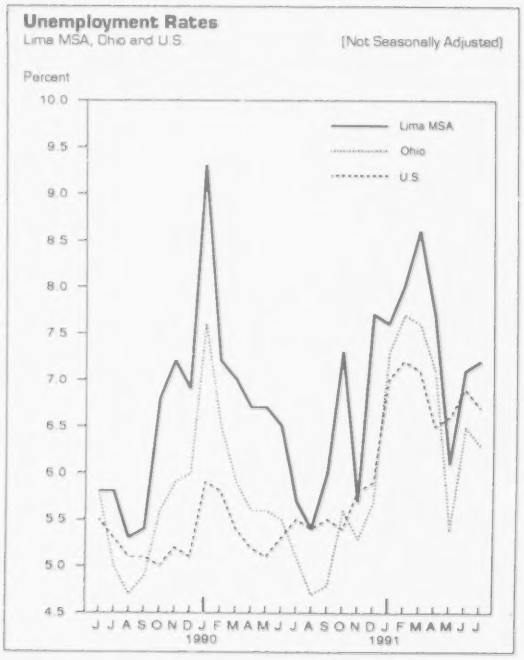
# Lima Metropolitan Statistical Area




Nonagricultural payroll employment in the Lima metropolitan area rose 300 above the July level to 73,400 in August 1991. More business in services raised employment in service-producing industries 200. The workforce in goods-producing industries increased 100 over the month to 25,300 due to nominal gains in manufacturing. An improvement in transportation equipment counterbalanced a decrease in industrial machinery and equipment. Factory production workers averaged $13.93 per hour, up 12 cents from July. Their average workweek was 0.4 hours longer at 42.6 hours.

Nonfarm wage and salary employment was unchanged between August 1990 and August 1991. Employment in the service-producing sector advanced 800 mainly due to growth in services. Reductions in durable-goods manufacturing lowered employment in goods-producing industries 800 over the year. Cutbacks in industrial machinery and equipment and transportation equipment outweighed gains in food and kindred products and fabricated metal products. Construction employment declined slightly over the year.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lima MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jul. 1991[b] | Jun. 1991[c] | Jul. 1990[c] | From Last Month | From Last Year |
| Civilian Labor Force | 79.4 | 78.0 | 78.9 | 1.4 | .6 |
| Employment | 73.7 | 72.4 | 74.3 | 1.3 | -.6 |
| Unemployment | 5.7 | 5.6 | 4.5 | .1 | 1.2 |
| Unemployment Rate | 7.2 | 7.1 | 5.7 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lima MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 73.4 | 73.1 | 73.4 | .3 | .0 |
| **Goods-Producing Industries** | 25.3 | 25.3 | 26.1 | .1 | -.8 |
| Construction and Mining | 3.5 | 3.5 | 3.6 | .0 | -.1 |
| Manufacturing | 21.8 | 21.8 | 22.5 | .1 | -.7 |
| Durable Goods | 15.0 | 15.0 | 15.9 | .0 | -.9 |
| Fabricated Metal Products | 2.6 | 2.6 | 2.5 | .0 | .1 |
| Industrial Machinery and Equipment | 3.8 | 3.9 | 4.2 | -.1 | -.4 |
| Transportation Equipment | 6.2 | 6.1 | 6.4 | .1 | -.2 |
| Motor Vehicles and Equipment | 3.6 | 3.5 | 3.3 | .1 | .3 |
| Nondurable Goods | 6.8 | 6.8 | 6.6 | .0 | .2 |
| Food and Kindred Products | 2.1 | 2.0 | 1.9 | .0 | .2 |
| Rubber and Miscellaneous Plastics Products | 2.1 | 2.0 | 2.1 | .0 | .0 |
| **Service-Producing Industries** | 48.1 | 47.8 | 47.2 | .2 | .8 |
| Transportation and Public Utilities | 3.2 | 3.2 | 3.1 | .0 | .1 |
| Wholesale Trade | 3.4 | 3.4 | 3.4 | .0 | -.1 |
| Retail Trade | 13.7 | 13.7 | 13.8 | .0 | -.1 |
| General Merchandise Stores | 2.0 | 2.1 | 2.1 | -.1 | -.1 |
| Finance, Insurance, and Real Estate | 2.1 | 2.1 | 2.1 | .0 | .0 |
| Services | 16.4 | 16.2 | 15.5 | .2 | .9 |
| Health Services | 6.9 | 6.9 | 6.6 | .0 | .3 |
| Hospitals | 3.2 | 3.3 | 3.2 | .0 | .0 |
| Government | 9.3 | 9.3 | 9.3 | .0 | .0 |
| Local Government | 6.9 | 6.9 | 6.9 | .0 | .0 |
| Local Government Education | 3.6 | 3.6 | 3.6 | 0 | .0 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Lima MSA

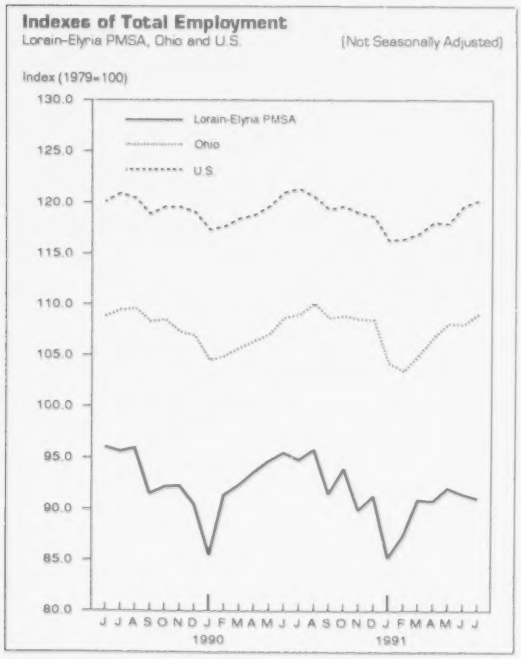
| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $593.42 | $582.78 | $552.24 | 42.6 | 42.2 | 41.9 | $13.93 | $13.81 | $13.18 |
| Durable Goods | 595.67 | 583.74 | 547.46 | 42.7 | 42.3 | 41.6 | 13.95 | 13.80 | 13.16 |
| Fabricated Metal Products | 388.83 | 379.13 | 373.50 | 41.9 | 41.3 | 41.5 | 9.28 | 9.18 | 9.00 |
| Industrial Machinery and Equipment | 469.86 | 491.57 | 441.16 | 38.2 | 39.9 | 38.8 | 12.30 | 12.32 | 11.37 |
| Transportation Equipment | 779.40 | 760.63 | 716.68 | 45.0 | 44.3 | 43.7 | 17.32 | 17.17 | 16.40 |
| Motor Vehicles and Equipment | 877.47 | 850.54 | 822.96 | 47.1 | 46.0 | 46.6 | 18.63 | 18.49 | 17.66 |
| Nondurable Goods | 586.70 | 582.24 | 565.35 | 42.3 | 42.1 | 42.7 | 13.87 | 13.83 | 13.24 |
| Food and Kindred Products | 393.34 | 407.89 | 375.65 | 41.8 | 43.3 | 41.1 | 9.41 | 9.42 | 9.14 |
| Rubber and Miscellaneous Plastics Products | 665.16 | 616.28 | 648.10 | 46.0 | 43.4 | 47.1 | 14.46 | 14.20 | 13.76 |
| Wholesale Trade | 366.34 | 377.51 | 368.17 | 38.2 | 38.6 | 37.8 | 9.59 | 9.78 | 9.74 |
| Retail Trade[f] | 197.60 | 194.49 | 186.60 | 30.4 | 30.2 | 30.0 | 6.50 | 6.44 | 6.22 |
| General Merchandise Stores | 181.82 | 185.90 | 176.68 | 27.3 | 28.6 | 28.0 | 6.66 | 6.50 | 6.31 |

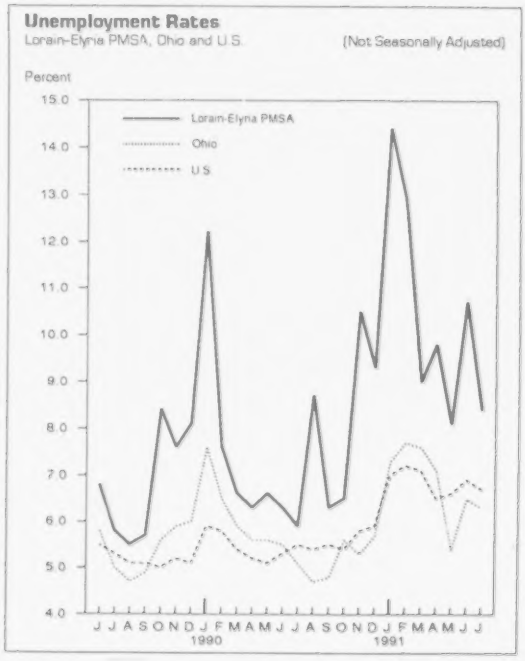
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

# Lorain-Elyria
## Primary Metropolitan Statistical Area

Nonagricultural payroll employment in the Lorain-Elyria metropolitan area totaled 92,800 in August 1991, up 200 from July. Gains in durable-goods manufacturing, especially in transportation equipment and primary metal industries, and slight improvements in construction and mining raised employment in goods-producing industries 400 to 33,100. The workforce in the service-producing sector declined 200 over the month. Seasonal layoffs of nonteaching personnel in local schools outweighed growth in services and retail trade. Manufacturing production workers averaged $14.20 per hour, down fractionally from July. Their average workweek of 41.9 hours was 0.8 hours shorter.

Nonfarm wage and salary employment fell 1,600 between August 1990 and August 1991. Reductions in manufacturing lowered employment in goods-producing industries 1,200. Losses were posted in transportation equipment, fabricated metal products, and primary metal industries. Employment in service-producing industries declined 400 over the year. Decreases in local government and retail trade more than offset growth in services, particularly health services.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jul. 1991[b] | Jun. 1991[c] | Jul. 1990[c] | From Last Month | From Last Year |
| Civilian Labor Force | 118.7 | 122.3 | 120.2 | -3.6 | -1.5 |
| Employment | 108.7 | 109.1 | 113.1 | -.4 | -4.4 |
| Unemployment | 10.0 | 13.1 | 7.0 | -3.2 | 2.9 |
| Unemployment Rate | 8.4 | 10.7 | 5.9 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Lorain–Elyria PMSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 92.8 | 92.5 | 94.3 | .2 | -1.6 |
| **Goods-Producing Industries** | 33.1 | 32.7 | 34.3 | .4 | -1.2 |
| Construction and Mining | 5.3 | 5.1 | 5.2 | .1 | .1 |
| Manufacturing | 27.9 | 27.5 | 29.2 | .3 | -1.3 |
| Durable Goods | 23.3 | 23.0 | 24.5 | .3 | -1.2 |
| Primary Metal Industries | 4.3 | 4.1 | 4.4 | .1 | -.2 |
| Fabricated Metal Products | 3.8 | 3.8 | 4.1 | .0 | -.3 |
| Transportation Equipment | 7.8 | 7.6 | 8.5 | .3 | -.6 |
| Nondurable Goods | 4.5 | 4.5 | 4.6 | .0 | -.1 |
| **Service-Producing Industries** | 59.6 | 59.8 | 60.0 | -.2 | -.4 |
| Transportation and Public Utilities | 3.4 | 3.4 | 3.3 | .0 | .1 |
| Wholesale Trade | 2.5 | 2.6 | 2.6 | .0 | .0 |
| Retail Trade | 16.6 | 16.5 | 16.9 | .1 | -.3 |
| Finance, Insurance, and Real Estate | 2.9 | 2.9 | 3.1 | .0 | -.1 |
| Services | 21.8 | 21.6 | 21.2 | .2 | .6 |
| Health Services | 8.7 | 8.6 | 8.3 | .0 | .4 |
| Hospitals | 3.9 | 3.9 | 3.9 | .0 | .0 |
| Government | 12.3 | 12.8 | 12.9 | -.5 | -.6 |
| Local Government | 9.9 | 10.5 | 10.5 | -.5 | -.6 |
| Local Government Education | 5.8 | 6.2 | 6.1 | -.4 | -.4 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

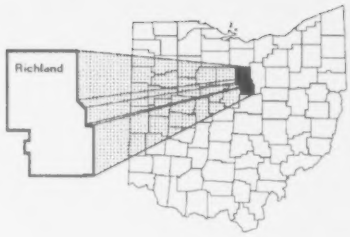
Not Seasonally Adjusted

Lorain–Elyria PMSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $594.98 | $607.19 | $579.58 | 41.9 | 42.7 | 42.9 | $14.20 | $14.22 | $13.51 |
| Durable Goods | 626.25 | 641.52 | 612.05 | 42.2 | 43.2 | 43.5 | 14.84 | 14.85 | 14.07 |
| Primary Metal Industries | 641.27 | 639.00 | 640.01 | 43.3 | 42.6 | 44.6 | 14.81 | 15.00 | 14.35 |
| Fabricated Metal Products | 447.81 | 452.84 | 422.44 | 43.1 | 43.5 | 42.8 | 10.39 | 10.41 | 9.87 |
| Transportation Equipment | 778.89 | 808.64 | 733.85 | 42.4 | 43.9 | 43.5 | 18.37 | 18.42 | 16.87 |
| Nondurable Goods | 411.03 | 406.46 | 394.79 | 40.1 | 39.5 | 39.4 | 10.25 | 10.29 | 10.02 |
| Wholesale Trade | 379.71 | 376.05 | 365.74 | 38.2 | 38.1 | 37.9 | 9.94 | 9.87 | 9.65 |
| Retail Trade[i] | 175.69 | 176.31 | 169.73 | 26.7 | 27.0 | 27.2 | 6.58 | 6.53 | 6.24 |

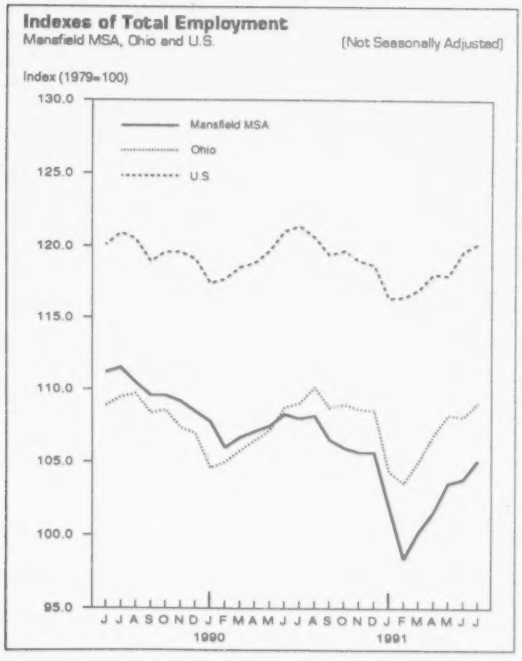
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [i]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

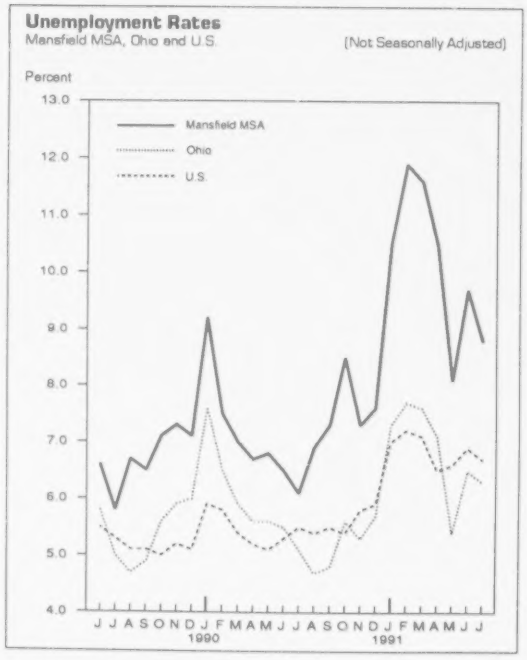
# Mansfield Metropolitan Statistical Area




Nonfarm wage and salary employment in the Mansfield metropolitan area dropped 400 below the July level to 57,700 in August 1991. Production cutbacks among manufacturers of durable goods, especially fabricated metal products, lowered employment in goods-producing industries 400 to 19,000. Employment in service-producing industries was unchanged over the month. Manufacturing production workers averaged $14.02 per hour, up 9 cents from July. Their average workweek was 1.4 hours longer at 41.5 hours.

Nonagricultural payroll employment fell 1,700 between August 1990 and August 1991. Reductions in durable-goods manufacturing, particularly electronic and other electric equipment and fabricated metal products, lowered employment in goods-producing industries 1,500. Service-producing industries lost 200 jobs over the year. Declines in retail trade, transportation and public utilities, and wholesale trade outweighed growth in services and government.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Mansfield MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jul. 1991[b] | Jun. 1991[c] | Jul. 1990[c] | From Last Month | From Last Year |
| Civilian Labor Force | 64.9 | 64.8 | 64.7 | .1 | .2 |
| Employment | 59.2 | 58.5 | 60.8 | .6 | -1.6 |
| Unemployment | 5.7 | 6.3 | 4.0 | -.5 | 1.8 |
| Unemployment Rate | 8.8 | 9.7 | 6.1 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Mansfield MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 57.7 | 58.2 | 59.4 | -.4 | -1.7 |
| **Goods-Producing Industries** | 19.0 | 19.4 | 20.5 | -.4 | -1.5 |
| Construction and Mining | 2.4 | 2.3 | 2.4 | .0 | 0 |
| Manufacturing | 16.7 | 17.1 | 18.1 | -.4 | -1.4 |
| Durable Goods | 14.5 | 15.0 | 16.1 | -.5 | -1.6 |
| Fabricated Metal Products | 4.9 | 5.3 | 5.2 | -.4 | -.3 |
| Electronic and Other Electric Equipment | 2.4 | 2.5 | 3.0 | .0 | -.6 |
| Nondurable Goods | 2.2 | 2.1 | 2.0 | .1 | .2 |
| **Service-Producing Industries** | 38.7 | 38.7 | 38.9 | .0 | -.2 |
| Transportation and Public Utilities | 3.0 | 3.0 | 3.1 | .0 | -.1 |
| Wholesale Trade | 2.2 | 2.3 | 2.3 | .0 | -.1 |
| Retail Trade | 10.9 | 10.8 | 11.4 | .0 | -.5 |
| Finance, Insurance, and Real Estate | 2.3 | 2.2 | 2.3 | .1 | .0 |
| Services | 13.0 | 13.0 | 12.6 | .0 | .4 |
| Health Services | 4.5 | 4.5 | 4.5 | .1 | .1 |
| Government | 7.3 | 7.4 | 7.2 | -.1 | .2 |
| Local Government | 5.5 | 5.5 | 5.4 | -.1 | .1 |
| Local Government Education | 3.6 | 3.6 | 3.6 | .0 | .1 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

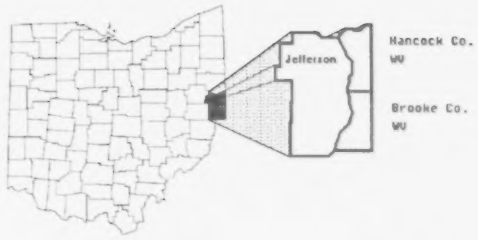
Not Seasonally Adjusted

Mansfield MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $581.83 | $558.59 | $558.07 | 41.5 | 40.1 | 41.4 | $14.02 | $13.93 | $13.48 |
| Durable Goods | 603.28 | 574.45 | 575.23 | 40.9 | 39.4 | 41.0 | 14.75 | 14.58 | 14.03 |
| Fabricated Metal Products | 796.11 | 711.78 | 697.59 | 41.1 | 38.6 | 40.3 | 19.37 | 18.44 | 17.31 |
| Electronic and Other Electric Equipment | 400.75 | 383.25 | 452.64 | 39.6 | 37.5 | 41.0 | 10.12 | 10.22 | 11.04 |
| Nondurable Goods | 425.96 | 434.31 | 410.32 | 46.2 | 46.5 | 44.6 | 9.22 | 9.34 | 9.20 |
| Wholesale Trade | 346.36 | 337.79 | 340.94 | 40.7 | 40.6 | 40.3 | 8.51 | 8.32 | 8.46 |
| Retail Trade[f] | 173.75 | 180.91 | 168.75 | 27.8 | 28.4 | 27.0 | 6.25 | 6.37 | 6.25 |

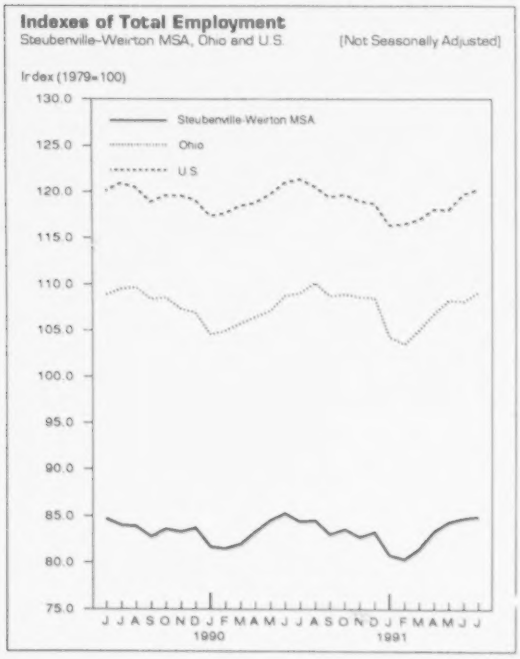
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

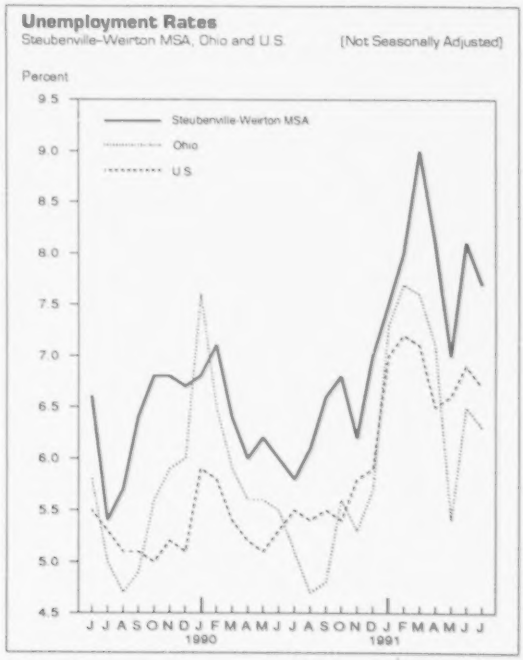
# Steubenville-Weirton Metropolitan Statistical Area




Nonfarm wage and salary employment in the Steubenville-Weirton metropolitan area totaled 52,200 in August 1991, down 600 from July. Employment in goods-producing industries dropped 300 over the month to 20,500 due to cutbacks in manufacturing, especially primary metal industries, and decreases in construction employment. Declines in local government lowered employment in the service-producing sector 200. Manufacturing production workers averaged $12.56 per hour, down fractionally from July. Their average workweek of 43.0 hours was 0.3 hours shorter.

Nonagricultural payroll employment declined 100 between August 1990 and August 1991. The workforce in goods-producing industries lost 400 jobs over the year as reductions in durable-goods manufacturing, particularly primary metal industries, outweighed growth in construction. Expansion in services raised employment in service-producing industries 300.



## Civilian Labor Force Estimates[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Jul. 1991[b] | Jun. 1991[c] | Jul. 1990[c] | From Last Month | From Last Year |
| Civilian Labor Force | 58.3 | 58.4 | 56.7 | -.1 | 1.6 |
| Employment | 53.8 | 53.7 | 53.4 | .1 | .4 |
| Unemployment | 4.5 | 4.7 | 3.3 | -.2 | 1.2 |
| Unemployment Rate | 7.7 | 8.1 | 5.8 | | |

## Nonagricultural Wage and Salary Employment[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

| | Estimates (in thousands) | | | Change[d] (in thousands) | |
|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | From Last Month | From Last Year |
| **Total** | 52.2 | 52.8 | 52.2 | -.6 | -.1 |
| **Goods-Producing Industries** | 20.5 | 20.8 | 20.9 | -.3 | -.4 |
| Mining | .8 | .8 | .8 | .0 | .0 |
| Construction | 2.8 | 2.9 | 2.3 | -.1 | .5 |
| Manufacturing | 16.8 | 17.1 | 17.7 | -.3 | -.9 |
| Durable Goods | 15.3 | 15.4 | 16.1 | -.2 | -.9 |
| Primary Metal Industries | 12.1 | 12.2 | 12.8 | -.2 | -.7 |
| Nondurable Goods | 1.6 | 1.7 | 1.6 | -.1 | .0 |
| **Service-Producing Industries** | 31.7 | 32.0 | 31.4 | -.2 | .3 |
| Transportation and Public Utilities | 3.1 | 3.1 | 3.1 | .0 | .0 |
| Wholesale Trade | 1.2 | 1.3 | 1.3 | .0 | .0 |
| Retail Trade | 9.0 | 9.0 | 8.9 | .0 | .1 |
| General Merchandise Stores | 1.3 | 1.3 | 1.4 | .0 | -.1 |
| Finance, Insurance, and Real Estate | 1.6 | 1.6 | 1.7 | .0 | .0 |
| Services | 11.0 | 11.0 | 10.5 | .0 | .5 |
| Health Services | 5.2 | 5.2 | 5.0 | .0 | .2 |
| Hospitals | 2.5 | 2.5 | 2.5 | .0 | .1 |
| Government | 5.7 | 6.0 | 5.9 | -.2 | -.1 |
| Local Government | 4.8 | 5.0 | 4.9 | -.2 | -.1 |
| Local Government Education | 2.8 | 2.9 | 2.8 | .0 | .0 |

## Hours and Earnings of Production or Nonsupervisory Workers[a]

Not Seasonally Adjusted

Steubenville–Weirton MSA

| | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] | Aug. 1991[b] | Jul. 1991[c] | Aug. 1990[c] |
| Manufacturing | $540.08 | $544.71 | $513.77 | 43.0 | 43.3 | 44.1 | $12.56 | $12.58 | $11.65 |
| Durable Goods | 559.87 | 566.35 | 540.00 | 43.3 | 43.7 | 45.0 | 12.93 | 12.96 | 12.00 |
| Primary Metal Industries | 604.61 | 605.98 | 573.16 | 44.1 | 44.2 | 46.0 | 13.71 | 13.71 | 12.46 |
| Nondurable Goods | 324.97 | 332.40 | 211.25 | 39.2 | 40.0 | 33.8 | 8.29 | 8.31 | 6.25 |
| Wholesale Trade | 318.40 | 321.20 | 334.31 | 39.8 | 39.9 | 39.1 | 8.00 | 8.05 | 8.55 |
| Retail Trade[f] | 176.75 | 175.34 | 167.96 | 28.1 | 28.1 | 27.9 | 6.29 | 6.24 | 6.02 |

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [f]Money payments only; tips not included.
[l]Depressed due to labor-management disputes.

# Technical Notes

## Civilian Labor Force Estimates

**Civilian Labor Force.** Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence. Civilian labor force data for the metropolitan areas is not available for the current month.

**Total Employed.** Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

**Total Unemployed.** Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

## Nonagricultural Wage and Salary Employment

**Collection.** Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

**Industrial Classification.** Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1987) used for classification.

**Coverage.** Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 12,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample and a Measure of Error

| Industry Division | Approximate Percentage Covered by Sample | RMSE |
|---|---|---|
| Total | 41 | .3 |
| Goods-Producing Industries | 47 | .4 |
| Mining | 55 | 2.0 |
| Construction | 16 | 1.7 |
| Manufacturing | 53 | .3 |
| Service-Producing Industries | 38 | .2 |
| Transportation and Public Utilities | 41 | .3 |
| Wholesale Trade | 19 | .4 |
| Retail Trade | 24 | .5 |
| Finance, Insurance, and Real Estate | 41 | .4 |
| Services | 29 | .3 |
| Government | 76 | .3 |

**Measure of Error.** Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than 0.3 percent from the actual change.

**Nonagricultural Employment.** Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

**Estimating Method.** Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

**Benchmark Data.** Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1990 benchmark.

## Seasonally Adjusted Estimates

**Seasonal Adjustment.** To facilitate interpretation of underlying economic trends, selected Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

## Hours and Earnings

**Method of Computing Averages.** Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

**Definitions.** Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

*Production Workers.* Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

*Nonsupervisory Workers.* Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

*Payroll.* Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

*Hours.* Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

## Selected Employment Service Activities

| | Ohio | | |
|---|---|---|---|
| | August 1991 | July 1991 | August 1990 |
| New Applicants | 37,412 | 39,738 | 35,485 |
| Applicants Active This Program Year | 255,369 | 211,099 | 269,921 |
| Counseling Interviews | 1,074 | 1,057 | 822 |
| Tests Administered | 1,496 | 1,192 | 2,364 |
| General Aptitude Tests | 799 | 761 | 323 |
| Proficiency Tests | 402 | 264 | 352 |
| Specific Aptitude Tests | 0 | 0 | 0 |
| Referrals to Jobs | 23,409 | 29,188 | 25,126 |
| Placements | 5,537 | 7,432 | 6,645 |
| Job Openings Received | INA | INA | INA |
| Job Openings Unfilled | 18,035 | 16,380 | 20,772 |

INA – Information not available

## Selected Unemployment Insurance Activities

| | Ohio | | |
|---|---|---|---|
| | August 1991 | July 1991 | August 1990 |
| Initial Claims | 66,694 | 72,749 | 53,806 |
| Continued Claims | 460,227 | 543,300 | 357,902 |
| First Payments | 26,711 | 25,620 | 20,544 |
| Last Payments | 10,636 | 11,499 | 6,732 |
| Average Weekly Claimants | 108,756 | 113,478 | 80,780 |
| Average Weekly Benefit Recipients | 94,414 | 95,818 | 68,993 |
| Weeks Compensated | 426,288 | 429,056 | 330,942 |
| Benefits Paid | $72,832,883 | $72,386,295 | $55,074,257 |
| Average Weekly Payment | $174.79 | $172.80 | $170.08 |
| Continued Claims for Survey Week | 103,087 | 118,536 | 77,517 |
| Insured Unemployment Rate | 2.3 | 2.4 | 1.8 |
| Net Contributions | $118,445,479 | $43,989,939 | $138,938,763 |
| Active Employer Accounts | 208,973 | 208,437 | 207,219 |